

# Second Bidder

CONTRACT NO: 05-4482U4  
BID AMOUNT: \$55,111,265.92  
BID OPENING DATE: 4/27/2016  
BIDDER'S NAME: Rasmussen/Myers and Sons  
DBE GOAL FROM CONTRACT %: 13%

DBE PRIME CONTRACTOR CERTIFICATION<sup>1</sup>: N/A  
TOTAL NUMBER OF ALL SUBCONTRACTS (DBE & NON-DBE): 18  
TOTAL VALUE OF ALL SUBCONTRACTS (DBE & NON-DBE): \$22,093,627.25

BID ITEM NO.	ITEM OF WORK AND DESCRIPTION OF SERVICES TO BE SUBCONTRACTED OR MATERIALS TO BE PROVIDED <sup>2</sup>	WORK CATEGORY CODES <sup>3</sup>	NAME OF DBEs (Must be certified on the date bids are opened. Include Caltrans' certification no., DBE address, and phone number. Show 2nd and lower tier subcontractors)	AMOUNT (\$)
	SEE ATTACHED SPREADSHEET			\$5,418,447.92

Show all DBE firms being claimed for credit, regardless of tier. Attach written confirmation from each DBE shown stating that it will be participating in the contract to perform the specific work shown for the specific amount agreed to.

The names of the 1st tier DBE subcontractors and items of work must be consistent with the Subcontractor List (Pub Cont Code § 4100 et seq.).

<sup>1</sup>Each DBE prime contractor must enter its certification number and show all work to be performed by DBEs, including work performed by its own forces.

<sup>2</sup>If 100% of an item is not to be performed or furnished by the DBE, describe the exact portion of the item to be performed or furnished.

<sup>3</sup>Use Work Category Codes from the California Unified Certification Program database.

Total Claimed  
Participation

\$ 5,418,447.92

9.83 %

The bidder acknowledges that it is committed to use the DBEs shown on this form to meet the contract goal (49 CFR 26.53).

Signature of Bidder

4/28/2016  
Date

(661)367-9040  
(Area Code) Tel. No.

Eric Landegger, Chief Estimator  
Person to Contact (Please Type or Print)

## ADA Notice

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Caltrans Bidder - DBE - Commitment

Contract No.: 05-4482U4  
Bid Amount: \$55,111,265.92  
Bid Opening Date: 4/27/2016  
Bidder's Name: Rasmussen/Myers and Sons  
DBE Goal From Contract: 13%  
Job Name: Construction on State Highway in Santa Barbara County in Carpinteria from 0.2 mile South of Carpinteria Creek Bridge to Franklin Creek Bridge - in District 05 on Route 101 - Project ID 0500000543 - 05-SB-101-2.2/3.3 - ACNHP-Q101(290)E

Contract Bid Item No(s).	Item of Work and Description of Services to be Subcontracted or Materials to be Provided	Work Category Codes	Name of DBE	DBE Address	DBE Phone No.	DBE Certification No.	1st Tier, 2nd Tier, Service Provider, Material Supplier, Manufacturer or Hauler/Freight	Dollar Amount	DBE % Allowable	Total DBE Amount
69	Clearing & Grubbing	C1601	CGO Construction Company, Inc.	3100 East Cedar St., #14 Ontario, CA 91761	(909)930-5501	4483	1st Tier	\$ 330,300.00	100%	\$ 330,300.00
34, 38-42, 225-229, 232, 235, 239 & 242-247	Treated Wood Waste (partial), Remove Fence, Temporary Fence, Chain Link Fence & Gate, Guard Railing Delineator & System, Barrier, Transition Railing, Alternative In-Line & Flared Terminal System & Crash Cushion System.	C0683 & C8000	Ace Fence Company	727 Glendora Ave La Puente, CA 91744	(626)333-0727	42633	1st Tier	\$ 714,620.00	100%	\$ 714,620.00
139	Grind & Groove Bridge Decks	C4201	ABSL Construction	29393 Pacific Street Hayward, CA 94544	(510)727-0900	5270	1st Tier	\$ 246,000.00	100%	\$ 246,000.00
66 & 126-133	Remove Existing Pile, Furnish Steel Piling & Drive Piling (partial)	C4901	Tipco Engineering, Inc.	425 E. Redondo Beach Blvd. Gardena, CA 90248	(310)515-6549	37925	1st Tier	\$ 2,469,185.00	100%	\$ 2,469,185.00
17	Prepare Water Pollution Control Program	C8852	Alfred Civil Engineering, Inc.	7604 Soquel Way Citrus Heights, CA 95610	(916)541-5309	41902	1st Tier Service Provider	\$ 1,300.00	100%	\$ 1,300.00
111	Materials Testing Services/Quality Control	C8723	Sequoia Consulting	361 W. Grove Ave. Orange, CA 92865	(714)974-6316	35308	1st Tier Service Provider	\$ 19,821.96	100%	\$ 19,821.96
1	Lead Compliance Plan	C8722	Aurora Industrial Hygiene	9666 Business Park Ave., #102 San Diego, CA 92131	(626)403-4104	29364	1st Tier Service Provider	\$ 2,820.00	100%	\$ 2,820.00
161-162 & 169-174	Sign Panel Material Supplier	C0600	G & C Equipment Corp.	1875 W. Redondo Beach Blvd., #102 Gardena, CA 90247	(310)515-6715	820	2nd Tier Material Supplier to BC Traffic Specialist	\$ 62,282.08	60%	\$ 37,369.25
114	Asphalt Oil Supplier & Hauler	C0624 & C9774	LMS Transport	2751 Avalon Street Jurupa Valley, CA 92509	(951)616-3828	38327	2nd Tier Materials Supplier & Hauler to Vulcan Materials	\$ 362,707.80	60%	\$ 217,624.68
13	Temporary Railing (Type K) Supplier	C0683	Sam's Equipment & Supplies	P.O. Box 7797 Fresno, CA 93747-7797	(559)252-0354	34479	Material Supplier	\$ 324,656.66	60%	\$ 194,794.00
274-281 & 286	Electrical Material Supplier	C0686	G & C Equipment Corp.	1875 W. Redondo Beach Blvd., #102 Gardena, CA 90247	(310)515-6715	820	2nd Tier Material Supplier to Taft Electric	\$ 612,796.72	60%	\$ 367,678.03
13, 38, 48, 53, 60-64, 69, 72-73, 75-76 & 79	Trucking/Hauling K-Rail, Removals, Roadway Excavation, Type 1 Aerial Dep Lead, Structure Excavation & Backfill materials.	C9774	Miranda Logistics Enterprise	2202 S. Figueroa St., #437 Los Angeles, CA 90007	(424)800-3831	39978	Trucker/Hauler	\$ 756,375.00	100%	\$ 756,375.00
5	Lane Closures (partial)	C1201	E-Nor Innovations	16213 Illinois Ave. Paramount, CA 90723	(310)513-6209	37718	1st Tier Traffic Control Rental	\$ 60,560.00	100%	\$ 60,560.00

Total Claimed Participation: 

\$ 5,418,447.92

  
% of Work Participation Achieved: 

9.83%

# CGO CONSTRUCTION COMPANY, INC.

**ENGINEERS & CONTRACTORS • LIC. # 532200**

3100 EAST CEDAR STREET, #14, ONTARIO, CA. 91761 • PHONE (909) 930-5501 • FAX (909) 930-5503

(a UDBE/ DBE Firm) CUCP #4483. DIR #1000013024

Email: cgoconst2@msn.com

TO	DATE April 27, 2016			
	BID DOCUMENTS Plans and specifications from Caltrans			
ATTENTION	PHONE NUMBER			
Estimating Dept.				
101 Freeway Widen. Caltrans 05-4482U4				
Carpintera				
<b>PROPOSAL &amp; CONTRACT</b>				
DESCRIPTION OF WORK	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL
69. Clearing and Grubbing(trees/vegetation only)	1	LS	\$330,300.00	\$330,300.00
<i>* Duff Excluded by other Bidders</i> <i>Use grass as duff ? ?</i> <i>* CGO will grind in price above</i>				

1. Excludes Traffic control/barricades.
2. Excludes grass, weeds, pruning, and topsoil removal.
3. Excludes utilities/substructures. Asbestos/lead abatement.
4. No permits, testing, bonds, and engineering fees included.
5. Construction water to be paid for by the owner and available on site in sufficient quantity and pressure.
6. Excavating and replacing of saturated, toxic/hazardous, or unsuitable material are excluded.
7. Not responsible for any spoils or deviations caused by other contractors.
8. Bracing/shoring, dewatering, buried tanks/barrels are excluded.
9. Our Liability Insurance is \$1M/Occurrence, \$2M Aggregate, \$2M Umbrella.
10. \*\*\*Retention, if withheld, is to be released 60 Days after our work is 100% completed and accepted.\*\*\*

ACCEPTED

COMPANY \_\_\_\_\_

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

CGO CONSTRUCTION COMPANY, INC.

 BY: Charles Ojuri CHARLES OJURI - ESTIMATOR

 DATE: APRIL 27, 2016



[Back To Query Form](#)**Search Returned 1 Records**

Wed Apr 27 11:10:01 PDT 2016

**Query Criteria**

Firm ID: 4483

Firm Type: DBE

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<b>Firm ID</b>	4483
<b>Firm/DBA Name</b>	C G O CONSTRUCTION COMPANY
<b>Address Line1</b>	3100 EAST CEDAR STREET #14
<b>Address Line2</b>	
<b>City</b>	ONTARIO
<b>State</b>	CA
<b>Zip Code1</b>	91761
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	
<b>Mailing State</b>	
<b>Mailing Zip Code1</b>	
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>EMAIL</b>	cgoconst2@msn.com
<b>Contact Name</b>	CHARLES OJURI
<b>Area Code</b>	( 909 )
<b>Phone Number</b>	930-5501
<b>Alt Area Code</b>	( )
<b>Alt Phone Number</b>	
<b>Fax Area Code</b>	( 909 )
<b>Fax Phone Number</b>	930-5503
<b>Agency Name</b>	DEPARTMENT OF TRANSPORTATION
<b>Counties</b>	13; 14; 15; 16; 19; 30; 33; 36; 37; 54;
<b>Districts</b>	06; 07; 08; 09; 11; 12;
<b>DBE NAICS</b>	237310; 238120; 541490; 541618;

**ACDBE NAICS****Work Codes**

C1601 CLEARING & GRUBBING; C1901 ROADWAY EXCAVATION; C1920 STRUCTURE EXCAVATION;  
C1930 STRUCTURE BACKFILL; C1940 DITCHES EXCAVATION; C5501 STEEL STRUCTURES; C5570  
STEEL CRIB WALL; C8700 CONSULTANT, NON ENGINEERING;

**Licenses**

A General Engineering Contractor; C21 Building Moving / Demolition Contractor;

**Trucks****Gender**

M

**Ethnicity**

BLACK

**Firm Type**

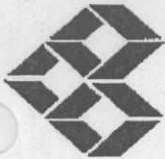
DBE

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[Back To Query Form](#)





**ACE FENCE COMPANY**

727 GLENDORA AVENUE, LA PUENTE, CA 91744

PHONE (626) 333-0727 \* FAX (626) 333-7843

CERTIFIED AS DBE/SBE/MBE/WBE FIRM, UNION COMPANY, LACMTA Pre-Qualified to Bid

"Awarded Minority Contractor of the Year by the City of Los Angeles for Excellence in Quality and Services"

"We Are An Equal Opportunity Employer"

**FAX QUOTE**

TO : General Contractors

FAX # :

FROM : Michael Abanilla

PROJECT : CADOT Build and Reconstruct Bridges, Construct Ramps and Frontage Road (Contract No. 05-4482U4)

From 0.2 Mile South of Carpinteria Creek Bridge to Franklin Creek Bridge, In Carpinteria, In Santa Barbara Co., CA

BID DATE : 4/27/16 2:00 P.M.

SPECS : per 2010 CALTRANS Plans &amp; Specs

ATTN : Estimator

DATE : 4/26/16

PAGES : 1 of 2

ADDENDUM: 1, 2, 3, 4 &amp; 5

ITEM	DESCRIPTION	Unit	Qty	Unit Price	Amount
Proposal as follows:					
34 ✓	TREATED WOOD WASTE (PARTIAL)	LB	35,020	\$ 0.25	\$ 8,755.00
38 ✓	REMOVE WOOD FENCE	LF	220	\$ 11.50	\$ 2,530.00
39 ✓	REMOVE CHAIN LINK FENCE	LF	7,250	\$ 6.00	\$ 43,500.00
40 ✓	REMOVE GATE	EA	4	\$ 300.00	\$ 1,200.00
41 ✓	REMOVE BARRIER	LF	9,800	\$ 7.00	\$ 68,600.00
42 ✓	REMOVE GUARDRAIL	LF	1,840	\$ 9.00	\$ 16,560.00
225 ✓	TEMPORARY FENCE (TYPE CL-6)	LF	2,440	\$ 12.00	\$ 29,280.00
226 ✓	CHAIN LINK FENCE (TYPE CL-4, VINYL-CLAD)	LF	654	\$ 32.50	\$ 21,255.00
227 ✓	CHAIN LINK FENCE (TYPE CL-6, VINYL-CLAD)	LF	2,225	\$ 37.00	\$ 82,325.00
228 ✓	CHAIN LINK FENCE (TYPE CL-8, BW POST TOP, VINYL-CLAD)	LF	190	\$ 60.00	\$ 11,400.00
229 ✓	12' CHAIN LINK GATE (TYPE CL-6, VINYL-CLAD)	EA	3	\$ 2,150.00	\$ 6,450.00
232 ✓	GUARD RAILING DELINEATOR	EA	42	\$ 55.00	\$ 2,310.00
235 ✓	MIDWEST GUARDRAIL SYSTEM (8' POST)	LF	3,330	\$ 41.50	\$ 138,195.00
237	PICKET FENCE RAILING	LF	1,223	\$ 340.00	\$ 415,820.00
238	TUBULAR BICYCLE RAILING	LF	204	\$ 170.00	\$ 34,680.00
239 ✓	SINGLE THRIE BEAM BARRIER (STEEL POST)	LF	5,090	\$ 30.00	\$ 152,700.00
240	HANDRAILING	LF	110	\$ 220.00	\$ 24,200.00
241 ✓	CABLE RAILING	LF	920	\$ 18.00	\$ 16,560.00
242 ✓	TRANSITION RAILING (TYPE STB)	EA	2	\$ 3,550.00	\$ 7,100.00
243 ✓	TRANSITION RAILING (TYPE WB-31)	EA	6	\$ 3,350.00	\$ 20,100.00
244 ✓	END ANCHOR ASSEMBLY (TYPE SFT)	EA	3	\$ 700.00	\$ 2,100.00
245 ✓	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	5	\$ 3,100.00	\$ 15,500.00
246 ✓	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	2	\$ 2,400.00	\$ 4,800.00
247 ✓	ALTERNATIVE CRASH CUSHION SYSTEM	EA	2	\$ 31,700.00	\$ 63,400.00
256.1	TUBULAR HAND RAILING & TUBULAR LOWER RAIL ONLY FOR CONCRETE BARRIER (TYPE 80SW MODIFIED) at VIA REAL BRIDGE	LF	204	\$ 165.00	\$ 33,660.00

**TOTAL PAGE AMOUNT: \$ 1,222,980.00**\* **FOR NOTES, QUALIFICATIONS, & EXCLUSIONS PLEASE REFER TO PAGE 2 OF THIS PROPOSAL.**

LICENSE # A, B & C-13 # 996577, EXP. 9-30-2016, DIR Registration #1000004092 - UNION  
SUBJECT TO ACCEPTANCE WITHIN 30 DAYS

**ACE FENCE COMPANY**

727 GLENDORA AVENUE, LA PUENTE, CA 91744

PHONE (626) 333-0727 \* FAX (626) 333-7843

CERTIFIED AS DBE/SBE/MBE/WBE FIRM, UNION COMPANY, LACMTA Pre-Qualified to Bid

"Awarded Minority Contractor of the Year by the City of Los Angeles for Excellence in Quality and Services"

"We Are An Equal Opportunity Employer"

**FAX QUOTE**

TO	: General Contractors	ATTN	: Estimator
FAX #	:	DATE	: 4/26/16
FROM	: Michael Abanilla	PAGES	: 2 of 2
PROJECT	: CADOT Build and Reconstruct Bridges, Construct Ramps and Frontage Road (Contract No. 05-4482U4) From 0.2 Mile South of Carpinteria Creek Bridge to Franklin Creek Bridge, In Carpinteria, In Santa Barbara Co., CA		
BID DATE	: 4/27/16 2:00 P.M.		
SPECS	: per 2010 CALTRANS Plans & Specs	ADDENDUM:	1, 2, 3, 4 & 5

ITEM	DESCRIPTION	Unit	Qty	Unit Price	Amount
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Proposal as follows:

**TOTAL BID AMOUNT: \$ 1,222,980.00****NOTES & QUALIFICATIONS:**

- \* ITEM # 225 - USED MATERIALS, ALL POSTS DRIVEN INTO THE GROUND (NO CONCRETE FOOTINGS/ NO WINDSCREENS). REPAIR & MAINTENANCE IS NOT INCLUDED, BY OTHERS.
- \* ITEM # 237, 240 & 241 - WE'LL PROVIDE POST POCKETS BUT LAY-OUT, INSTALL PLUMB & CLEAN BY OTHERS.
- \* ITEM # 238 & 256.1 - CORING OR DRILLING HOLES FOR ANCHOR BOLTS IS NOT INCLUDED, WE'LL PROVIDE ANCHOR BOLTS WITH TEMPLATE BUT LAY-OUT & INSTALL BY OTHERS PRIOR TO CONCRETING.
- \* ITEM # 242 & 243 - CONCRETE BARRIER, CORE DRILLING & PIPE SLEEVES IS NOT INCLUDED, BY OTHERS.
- \* ITEM # 247 - CONCRETE ANCHOR SLAB & BACK-UP BLOCK IS NOT INCLUDED, BY OTHERS.
- \* STAINING, PAINTING, POWDER COATING & VINYL COATING IS NOT INCLUDED, EXCEPT FOR ITEM NOS. 226 to 229, 237, 238, 240 & 256.1.
- \* THIS PROPOSAL IS BASED ON PAID PREVAILING WAGES AND CERTIFIED PAYROLL.
- \* **PLEASE REFER TO NOTES & EXCLUSIONS BELOW. IF YOU HAVE QUESTIONS PLEASE CALL.**

**NOTE:** PROPOSAL IS AS A PACKAGE UNLESS DISCUSSED PRIOR TO BID. OUR PROPOSAL IS PER LINE ITEM & NOT LUMP SUM UNLESS IT STATES OTHERWISE. AWARD MUST HAPPEN WITHIN 60 DAYS. COPY OF ACE FENCE COMPANY'S BID TO BE PART OF THE FINAL CONTRACT AGREEMENT. COPY OF GENERAL'S PAYMENT & PERFORMANCE BONDS TO BE ATTACHED TO THE CONTRACT AGREEMENT.

**EXCLUDE:** CIDH PILING, CURB, MINOR CONCRETE OR ANY CONCRETE WORKS (except footing for Items 226 to 229); RE-BARS; VEGETATION CONTROL; DEMOLITION; CLEARING & GRUBBING; REMOVAL OF TREES, VEGETATION OR ANY OBSTRUCTIONS; IMPORT BORROW / EXTRA DIRT FOR BACKFILL; GRADING; STAKING & LAY-OUT; ROCK DRILLING, CONCRETE CUTTING, BREAKING & CORE DRILLING; PAVEMENT REPAIR OR ASPHALT PATCHING; POTHOLING OR LOCATING UTILITIES; MAINTENANCE OR REPAIR TO DAMAGES CAUSED BY OTHERS & TO UNMARKED UTILITY LINES; GROUNDING & ELECTRICAL WORKS; ENGINEERING OR STRUCTURAL CALCULATIONS; SURVEYS FOR ALIGNMENT & ELEVATIONS; COSTS FOR INSPECTIONS & TESTING; BOND COST; SWPPP; BEST MANAGEMENT PRACTICES; ASBESTOS & LEAD COMPLIANCE PLAN OR ANY RELATED WORKS; PERMITS/FEES; DUST CONTROL; K-RAIL; TEMP. GATES, SAFETY RAILING & FALL PROTECTION; TRAFFIC CONTROL, LIGHTING & SIGNS; FLAGMEN; LANE CLOSURE; HAULING OF SPOILS (spoils from our excavation are to be scattered in the immediate vicinity of our work, relocation of spoils will be considered a change order)

**INSURANCE:** GENERAL LIABILITY - \$ 1,000,000 - \$ 2,000,000 AGGREGATE; AUTOMOBILE - \$ 1,000,000; WORKMAN COMPENSATION - \$ 1,000,000. OCIP / CCIP PROJECTS - WC's PREMIUMS ALREADY DEDUCTED. ADDITIONAL INSURANCE REQUIREMENTS ARE SUBJECT TO EXTRA PREMIUMS.

**LICENSE # A, B & C-13 # 996577, EXP. 9-30-2016, DIR Registration #1000004092 - UNION**  
**SUBJECT TO ACCEPTANCE WITHIN 30 DAYS**



[Back To Query Form](#)**Search Returned 3 Records**

Wed Apr 27 11:53:59 PDT 2016

**Query Criteria**

Firm/DBA Name: ace fence

Firm Type: DBE

<b>Firm ID</b>	42633
<b>Firm/DBA Name</b>	ACE FENCE CO.
<b>Address Line1</b>	727 GLENDORA AVE.
<b>Address Line2</b>	
<b>City</b>	LA PUENTE
<b>State</b>	CA
<b>Zip Code1</b>	91746
<b>Zip Code2</b>	3316
<b>Mailing Address Line1</b>	
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	
<b>Mailing State</b>	
<b>Mailing Zip Code1</b>	
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>EMAIL</b>	america@acefencecompany.com
<b>Contact Name</b>	AMERICA TANG
<b>Area Code</b>	( 626 )
<b>Phone Number</b>	333-0727
<b>Alt Area Code</b>	( 626 )
<b>Alt Phone Number</b>	825-1720
<b>Fax Area Code</b>	( 626 )
<b>Fax Phone Number</b>	333-7843
<b>Agency Name</b>	LOS ANGELES COUNTY METRO TRANSPORTATION AUTHORITY (MTA)
<b>Counties</b>	00;
<b>Districts</b>	00;
<b>DBE NAICS</b>	237310; 237990; 238990;

**ACDBE NAICS**

<b>Work Codes</b>	C0683 GUARD RAILINGS & BARRIERS SUPPLIER; C8000 FENCING CONTRACTOR;
<b>Licenses</b>	A General Engineering Contractor; B General Building Contractor; C13 Fencing Contractor;
<b>Trucks</b>	
<b>Gender</b>	F
<b>Ethnicity</b>	ASIAN PACIFIC
<b>Firm Type</b>	DBE

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION  
**DBE CONFIRMATION**  
 DEB-06-0102.13 (NEW 05/2015)

Contract no. **05-4482U4**  
 Name of DBE business: **Ace Fence Company**  
 Name of DBE representative: **42633**  
 DBE certification number: **America Tang**  
 Name of bidder: **Rasmussen/Myers and Sons**  
 Name of prime contractor if different from the bidder:  
 Name of representative of bidder or prime contractor: **Eric Landegger, Chief Estimator**  
 Date: **4/28/2016**

Bid item number	Item of work and description of services to be subcontracted or materials to be provided	Amount (\$)
34, 38-42,	Treated Wood Waste (partial), Remove Fence,	\$714,620.00
225-229, 232,	Temporary Fence, Chain Link Fence & Gates	
235, 239 &	Guard Railing Delineator & System, Barrier,	
242-247	Transition Railing, Alternative In-Line & Flared Terminal System & Crash Cushion System	

If 100% of an item is not to be performed or furnished by the DBE, describe the exact portion of the item to be performed or furnished.

Total	\$714,620.00
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As an authorized representative of a certified disadvantaged business enterprise, I confirm that my business was contacted by the bidder or prime contractor shown above regarding the contract shown above. If the bidder is awarded the contract, my business will enter into a contractual agreement with the bidder or prime contractor to perform the type and dollar amount of work shown on the DBE Commitment form.

I certify under penalty of perjury that the foregoing is true and correct.

America Tang  
 Signature of DBE's authorized representative

AMERICA TANG  
 Printed name of DBE's authorized representative

PRESIDENT  
 Title of DBE's authorized representative

05/02/16  
 Date

**ADA Notice**

For individuals with sensory disabilities, this document is available in alternate formats. For alternate format information, contact the Forms Management Unit at (916) 445-1233, TTY 711, or write to Records and Forms Management, 1120 N Street, MS-60, Sacramento, CA 95814.

Contract No. 05-4482U4

**ABSL Construction****DIR Registration No. 1000002818**29393 Pacific Street, Hayward, CA 94544  
TE: (510) 727-0900 Fax: (510) 727-0912Contractors License A 621781  
SMBE & DBE Certification CT-005270**Bid Quotation  
AC Grinding**

Project Name: **CA/DOT Build and Reconstruct Bridges**  
Project Number: **05-4482U4**  
Bid Date: **04/27/2016**  
Location: **Carpinteria, Santa Barbara County, CA**

**BID – Grinding****Item: Grind and Groove Bridge Decks (4)****Quantity: 65,000 SF (approx.)****Lump Sum Price: \$ 246,000****Mobilization \$1000.00 (each way)**

*This price includes grinding, grooving, trucking and slurry disposal only.  
This price includes grinding up to ½" depth. Additional depths will incur additional charges.  
Contractor to provide water, traffic control, temporary markings, sweeping, button removal  
and all other items not specifically included.*

*Water to be supplied by contractor within 5 miles of job limits.*

*This quote valid for 60 days from bid date.*

Exclusions: Bonding, Surveying, Testing, Traffic Control and other items not specifically included in this quote.



# CALIFORNIA UNIFIED CERTIFICATION PROGRAM DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATE

## A B S L CONSTRUCTION

29334 PACIFIC STREET  
HAYWARD, CA 94544

Owner: LUIS ALLENDE  
Business Structure: CORPORATION

This certificate acknowledges that said firm is approved by the California Unified Certification Program (CUCP) as a Disadvantaged Business Enterprise (DBE) as defined by the U.S. Department of Transportation (DOT) CFR 49 Part 26, as may be amended, for the following NAICS codes:

NAICS Code(s) \* Indicates primary NAICS code

\* 237310 Highway, Street, and Bridge Construction  
238910 Site Preparation Contractors  
238120 Structural Steel and Precast Concrete Contractors

238210 Electrical Contractors  
238110 Poured Concrete Foundation and Structure Contractors

### Work Category Code(s)

C1201 TRAFFIC CONTROL SYSTEM  
C1901 ROADWAY EXCAVATION  
C1920 STRUCTURE EXCAVATION

C1601 CLEARING & GRUBBING  
C1910 GRADING  
C1930 STRUCTURE BACKFILL

### Licenses

A General Engineering Contractor

### CERTIFYING AGENCY:

DEPARTMENT OF TRANSPORTATION  
1823 14TH STREET  
SACRAMENTO, CA 95811 0000  
(916) 324-1700

UCP Firm Number : 5270

*Genice Salas*  
CUCP OFFICER

August 26, 2011

Exp 01-01-18

[Back To Query Form](#)**Search Returned 1 Records**

Thu Apr 28 10:40:28 PDT 2016

**Query Criteria**

Firm ID: 5270

Firm Type: DBE

Firm ID	5270
Firm/DBA Name	A B S L CONSTRUCTION
Address Line1	29393 PACIFIC ST
Address Line2	
City	HAYWARD
State	CA
Zip Code1	94544
Zip Code2	
Mailing Address Line1	
Mailing Address Line2	
Mailing City	
Mailing State	
Mailing Zip Code1	
Mailing Zip Code2	
Certification Type	SMBE
EMail	Daryl@absconstruction.com
Contact Name	LUIS M. ALLENDE
Area Code	( 510 )
Phone Number	727-0900
Alt Area Code	( )
Alt Phone Number	
Fax Area Code	( 510 )
Fax Phone Number	727-0910
Agency Name	DEPARTMENT OF TRANSPORTATION
Counties	01; 02; 03; 04; 05; 06; 07; 08; 09; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 29; 30; 31; 32; 33; 34; 35; 36; 37; 38; 39; 40; 41; 42; 43; 44; 45; 46; 47; 48; 49; 50; 51; 52; 53; 54; 55; 56; 57; 58;
Districts	01; 02; 03; 04; 05; 06; 07; 08; 09; 10; 11; 12;
DBE NAICS	237310; 238110; 238120; 238910;

**ACDBE NAICS****Work Codes**

C1201 TRAFFIC CONTROL SYSTEM; C1522 RESET, ADJUST ROADWAY ITEMS; C1531 PLANE ASPHALT CONCRETE; C1601 CLEARING & GRUBBING; C1901 ROADWAY EXCAVATION; C1910 GRADING; C1920 STRUCTURE EXCAVATION; C1930 STRUCTURE BACKFILL; C1940 DITCHES EXCAVATION; C4201 GROOVE & GRIND PAVEMENT; C5105 MINOR CONCRETE STRUCTURE; C5124 ERECT PRECAST CONCRETE; C5135 CONCRETE BLOCK & MASONRY RETAINING WALL; C5501 STEEL STRUCTURES; C5570 STEEL CRIB WALL; C9980 DEMOLITION;

A General Engineering Contractor; B General Building Contractor;

**Licenses****Trucks****Gender****Ethnicity****Firm Type**

M

HISPANIC

[Back To Query Form](#)

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Thu Apr 28 10:40:28 PDT 2016

**Query Criteria**

Firm ID: 5270

Firm Type: DBE

<b>Firm ID</b>	5270
<b>Firm/DBA Name</b>	A B S L CONSTRUCTION
<b>Address Line1</b>	29393 PACIFIC ST
<b>Address Line2</b>	
<b>City</b>	HAYWARD
<b>State</b>	CA
<b>Zip Code1</b>	94544
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	
<b>Mailing State</b>	
<b>Mailing Zip Code1</b>	
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	SMBE
<b>EMail</b>	Daryl@abslconstruction.com
<b>Contact Name</b>	LUIS M. ALLENDE
<b>Area Code</b>	( 510 )
<b>Phone Number</b>	727-0900
<b>Alt Area Code</b>	( )
<b>Alt Phone Number</b>	
<b>Fax Area Code</b>	( 510 )
<b>Fax Phone Number</b>	727-0910
<b>Agency Name</b>	DEPARTMENT OF TRANSPORTATION
<b>Counties</b>	01; 02; 03; 04; 05; 06; 07; 08; 09; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 29; 30; 31; 32; 33; 34; 35; 36; 37; 38; 39; 40; 41; 42; 43; 44; 45; 46; 47; 48; 49; 50; 51; 52; 53; 54; 55; 56; 57; 58;
<b>Districts</b>	01; 02; 03; 04; 05; 06; 07; 08; 09; 10; 11; 12;
<b>DBE NAICS</b>	237310; 238110; 238120; 238910;

**ACDBE NAICS****Work Codes**

C1201 TRAFFIC CONTROL SYSTEM; C1522 RESET, ADJUST ROADWAY ITEMS; C1531 PLANE ASPHALT CONCRETE; C1601 CLEARING & GRUBBING; C1901 ROADWAY EXCAVATION; C1910 GRADING; C1920 STRUCTURE EXCAVATION; C1930 STRUCTURE BACKFILL; C1940 DITCHES EXCAVATION; C4201 GROOVE & GRIND PAVEMENT; C5105 MINOR CONCRETE STRUCTURE; C5124 ERECT PRECAST CONCRETE; C5135 CONCRETE BLOCK & MASONRY RETAINING WALL; C5501 STEEL STRUCTURES; C5570 STEEL CRIB WALL; C9980 DEMOLITION;

**Licenses**

A General Engineering Contractor; B General Building Contractor;

**Trucks****Gender**

M

**Ethnicity**

HISPANIC

**Firm Type**[Back To Query Form](#)



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**DBE CONFIRMATION**  
DES-CE-0102.13 (NEW 05/2013)

Contract no. 05-4482U4  
Name of DBE business ABSL Construction  
Name of DBE representative Daryl Vorne  
DBE certification number 5270  
Name of bidder Rasmussen/Myers and Sons  
Name of prime contractor if different from the bidder \_\_\_\_\_  
Name of representative of bidder or prime contractor Eric Landegger, Chief Estimator  
Date 4/28/2016

Bid Item number	Item of work and description of services to be subcontracted or materials to be provided <sup>1</sup>	Amount (\$)
139	Grind & Groove Bridge Decks	\$246,000.00

<sup>1</sup>If 100% of an item is not to be performed or furnished by the DBE, describe the exact portion of the item to be performed or furnished.

Total **\$246,000.00**

As an authorized representative of a certified disadvantaged business enterprise, I confirm that my business was contacted by the bidder or prime contractor shown above regarding the contract shown above. If the bidder is awarded the contract, my business will enter into a contractual agreement with the bidder or prime contractor to perform the type and dollar amount of work shown on the DBE Commitment form.

I certify under penalty of perjury that the foregoing is true and correct.

Daryl Vorne  
Signature of DBE's authorized representative:

Daryl Vorne  
Printed name of DBE's authorized representative

Manager  
Title of DBE's authorized representative

5/2/16  
Date

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Contract No. 05-4482U4



425 E. Redondo Beach Blvd  
Gardena, CA 90248  
Lic# 928364  
Certified DBE Firm ID No. 37925

OFFICE (310) 515-6549

FAX (866) 623-8349

**REVISED**  
**SUBCONTRACT PROPOSAL**

To: Estimator  
Project: Caltrans Contract 05-4482U4 – Route 101 Carpinteria, CA

Bid Date 4/27/2016

Prepared By: Anthony Will

Item	Description	Unit	Quantity	Unit Price	Price
126	Furnish 48" Steel Piling	LF	291	\$ 450.00	\$ 130,950.00
127	Drive 48" Steel Piling	EA	4	\$ 10,000.00	\$ 40,000.00
128	Furnish Piling (Class 140 Alt. W)	LF	258	\$ 45.00	\$ 11,610.00
129	Drive Pile (Class Class 140 Alt. W)	EA	10	\$ 1,650.00	\$ 16,500.00
130	Furnish Piling (Class 200 Alt. W)	LF	16,055	\$ 55.00	\$ 883,025.00
131	Drive Pile (Class Class 200 Alt. W)	EA	302	\$ 1,650.00	\$ 498,300.00
132	Furnish 78" CISS Concrete Piling	LF	784	\$ 700.00	\$ 548,800.00
17% 133	Drive 78" CISS Concrete Piling (Partia	EA	10	\$ 20,000.00	\$ 200,000.00
<b>Base Price</b>					<b>\$ 2,329,185.00</b>
					<b>+ 140,000</b>

Our price is based on the following conditions and our general conditions, which are attached.

**Terms and Conditions****Included in our proposal are:**

1. Bondable (1.00%) Union Contractor signatory to Pile Drivers and Operating Engineers.
2. Proposal includes Two (2) single crane mobilizations to complete all piling work identified.
3. Driving system, Arc Weldable Instrumentation (Stage 1 Only) Shop Drawings, Installation, and monitoring. Furnish and Installation of the shear rings. Pile cut offs and debris disposal.
4. Optional – Removal of existing concrete piling – \$20,000/EA – Loaded on Contractors trucks for disposal. Excavation exposing 3'-0" top of each piling with 6' clearance by others.

**Specifically excluded from our proposal**

5. Bid Item 133 Drill Out; Clean Out; Rebar and Concrete.
6. All engineering, excavation, shoring unless otherwise noted, spoil removal, backfill, Dowels, QCP/Third Party Inspection, drawings, or pile driving records. Truck crane and pile handling equipment access to/between each location, WQCP, Welding Inspection (please figure 7 days onsite welding), Traffic Control, Lighting, K-rail Removal, Noise Monitoring, Vibration or

→ 7 PILES FOR \$ 140,000

ITEM 66

movement monitoring of adjacent structures, Spoil Removal. Etc. Furnish and placement of any minor concrete as void filler.

7. Any hazardous waste management, disposal, or liability.

Unless otherwise noted, all terms and conditions in this proposal shall become an attachment (Exhibit "A") to any contract, which references the work in this proposal. In the event of any conflict between any one or more of the provisions in this proposal and the provisions of the Contract, the provisions of this proposal shall supersede and prevail.

1. Prime Contractor/Owner shall provide at NO cost to Tipco Engineering, Inc.:
  - a) Locating and removing belowground obstructions that interfere with pile installation and de-energize electric lines to conform to all safety regulations.
  - b) Excavation dewatering.
  - c) Public safety measures including but not limited to traffic control, delineation and barricading of the job site, barricading and/or fencing for excavations.
  - d) Excavation at pile location required in plans and specifications completed before pile driving.
  - e) Establishing and maintaining surveying for pile layout and pile cut-off elevations.
  - f) Shoring and sloping for excavations in accordance with OSHA and approved by Tipco.
  - g) Protection of property from diesel hammer spray and exhaust.
  - h) Minimum distance of 36 inches from pile center to shoring or other obstructions.
  - i) Protection of utilities, structures, improvements, and property from damages due to ground heave, soil movements, or vibrations generated by pile installation.
  - j) Removal and disposal of pre-drill spoils and pile cutoffs unless noted otherwise.
  - k) Provide on-site storage area for the project materials.
  - l) Provide all weather level access, minimum 25 feet wide that allows pile driving and pile moving equipment within 30 feet of all piles.
2. Prices are based on the following:
  - a) Pile driving performed during eight hour, daytime shifts, Monday through Friday.
  - b) Reimbursement to Tipco for all costs associated with delays, out-of sequence moves, and extra work caused by obstructions.
  - c) Two mobilization and demobilization for one pile driving set up. Each additional mobilization/demobilization charged at \$30,000.00
  - d) Pile driving in one continuous operation with sequence mutually agreed upon for each mobilization.
  - e) Standby for crew and equipment charged at \$875 per hour.
  - f) Standby for equipment at site with no crew present charged at \$1250 per day.
  - g) Tipco General Liability insurance coverage of \$1,000,000 each occurrence and \$2,000,000 aggregate. Special agreements, waivers, or additional coverage's will be an additional cost.
  - h) Pile driving schedule shall be mutually agreed upon before mobilization.
  - i) If noise reduction requires equipment modifications, delays, or any changes in our pile driving operation, Tipco shall be reimbursed for costs incurred.
3. Prices do NOT include the following:
  - a) Payment or Performance bonds.
  - b) Any inspection associated with piles.
  - c) Reports, as-built drawings, pile driving records, engineering or design.
  - d) Furnishing/installing rebar dowels or pile anchors, bending of extended rebar unless noted otherwise.
  - e) Hold-harmless agreements.
  - f) Working on mats.
  - g) Permits of any kind except hauling.
  - h) Railroad insurance.
  - i) Using a follower to drive pile top below surface.
  - j) Sound, vibration or ground movement measurement.
4. Payment:
  - a) Payment of 90% of work completed the preceding month shall be received by the 15th of the following month, and full payment (including retention) to be received within 60 days after substantial completion of work performed by Tipco.
  - b) Late payments are subject to a 2% per month charge. No Retention on Material Payments.

This quote is firm for 30 days at which time it is void. Based on today's material cost. Escalations or Reductions will apply at time material is released for purchase.

Respectfully submitted,

Accepted by,

Anthony Will  
Estimator  
925-595-1956 Cell



[Back To Query Form](#)**Search Returned 1 Records**

Thu Apr 28 10:48:57 PDT 2016

**Query Criteria**

Firm ID: 37925

Firm Type: DBE

Firm ID	37925
Firm/DBA Name	TIPCO ENGINEERING, INC
Address Line1	425 E REDONDO BEACH BLVD
Address Line2	
City	GARDENA
State	CA
Zip Code1	90248
Zip Code2	
Mailing Address Line1	
Mailing Address Line2	
Mailing City	
Mailing State	
Mailing Zip Code1	
Mailing Zip Code2	
Certification Type	DBE
E-Mail	tipcoinc@aol.com
Contact Name	KEVIN DAN TIPTON
Area Code	( 310 )
Phone Number	515-6549
Alt Area Code	( 310 )
Alt Phone Number	993-7005
Fax Area Code	( 310 )
Fax Phone Number	515-6579
Agency Name	DEPARTMENT OF TRANSPORTATION
Counties	19; 24; 30; 33; 36; 37; 40; 42; 56;
Districts	05; 07; 08; 10; 11; 12;
DBE NAICS	237310; 237990; 238910;

**ACDBE NAICS**

Work Codes	C1920 STRUCTURE EXCAVATION; C4901 FURNISH & DRIVE PILING; C8776 Construction Management - Other Heavy and Civil Construction;
Licenses	A General Engineering Contractor;
Trucks	
Gender	M
Ethnicity	BLACK
Firm Type	DBE

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[Back To Query Form](#)**Search Returned 1 Records**

Thu Apr 28 10:48:57 PDT 2016

**Query Criteria**

Firm ID: 37925

Firm Type: DBE

Firm ID	37925
Firm/DBA Name	TIPCO ENGINEERING, INC
Address Line1	425 E REDONDO BEACH BLVD
Address Line2	
City	GARDENA
State	CA
Zip Code1	90248
Zip Code2	
Mailing Address Line1	
Mailing Address Line2	
Mailing City	
Mailing State	
Mailing Zip Code1	
Mailing Zip Code2	
Certification Type	DBE
EMAIL	tipcoinc@aol.com
Contact Name	KEVIN DAN TIPTON
Area Code	( 310 )
Phone Number	515-6549
Alt Area Code	( 310 )
Alt Phone Number	993-7005
Fax Area Code	( 310 )
Fax Phone Number	515-6579
Agency Name	DEPARTMENT OF TRANSPORTATION
Counties	19; 24; 30; 33; 36; 37; 40; 42; 56;
Districts	05; 07; 08; 10; 11; 12;
DBE NAICS	237310; 237990; 238910;

**ACDBE NAICS**

Work Codes	C1920 STRUCTURE EXCAVATION; C4901 FURNISH & DRIVE PILING; C8776 Construction Management - Other Heavy and Civil Construction;
Licenses	A General Engineering Contractor;
Trucks	
Gender	M
Ethnicity	BLACK
Firm Type	DBE

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STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION  
**DBE CONFIRMATION**  
DES-OE-0102.13 (NEW 05/2015)

Contract no.: 05-4482U4  
Name of DBE business: Tipco Engineering, Inc.  
Name of DBE representative: Kevin Tipton  
DBE certification number: 37925  
Name of bidder: Rasmussen/Myers and Sons  
Name of prime contractor if different from the bidder:  
Name of representative of bidder or prime contractor: Eric Landegger, Chief Estimator  
Date: 4/28/2016

Bid item number	Item of work and description of services to be subcontracted or materials to be provided <sup>1</sup>	Amount (\$)
66 & 126-133	Bridge Removal (partial) & Furnish & Drive Piling (partial)	\$2,469,185.00

<sup>1</sup>If 100% of an item is not to be performed or furnished by the DBE, describe the exact portion of the item to be performed or furnished.

Total \$2,469,185.00

As an authorized representative of a certified disadvantaged business enterprise, I confirm that my business was contacted by the bidder or prime contractor shown above regarding the contract shown above. If the bidder is awarded the contract, my business will enter into a contractual agreement with the bidder or prime contractor to perform the type and dollar amount of work shown on the DBE Commitment form.

I certify under penalty of perjury that the foregoing is true and correct.

Signature of DBE's authorized representative:

Kevin Tipton

Printed name of DBE's authorized representative

President

Title of DBE's authorized representative

5/2/16

Date:

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Contract No. 05-4482U4

**Alfred Civil Engineering, Inc.**

7604 Soquel Way  
Citrus Heights, CA 95610

4/22/2016

DBE Certification # 41902  
License # C 48604  
QSD/P Certification # 25398  
DIR Registration # 1000024191

SSWPP  
PPA  
1300

**Subject:** 05-4482U4:- Build and reconstruct bridges, construct ramps and frontage road.

**Attn: Estimator**

We submit for your consideration the following services:

BID ITEM	ITEM CODE	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
17	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	\$1,300	\$1,300

Scope includes the following:

1. Preparation of WPCP or SWPPP
2. Three hard copies and one electronic copy

Scope does not include:

1. Amendments, revisions or addenda after Caltrans authorization.
2. WPC Manager, provision, transportation, or installation of BMP materials. Scope is good for 60 days after bid opening date.

Sincerely,

*Bori A Touray*

Bori A. Touray PE, QSD/QSP

[touray@alfredce.com](mailto:touray@alfredce.com)

Alfred Civil Engineering

(916) 241-5309



[Back To Query Form](#)**Search Returned 1 Records**

Tue Aug 26 16:48:33 PDT2014

**Query Criteria**

Firm/DBA Name: Alfred civil engineering

Firm Type: DBE

<b>Firm ID</b>	41902
<b>Firm/DBA Name</b>	ALFRED CIVIL ENGINEERING
<b>Address Line1</b>	7604 SOQUEL WAY
<b>Address Line2</b>	
<b>City</b>	CITRUS HEIGHTS
<b>State</b>	CA
<b>Zip Code1</b>	95610
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	
<b>Mailing State</b>	
<b>Mailing Zip Code1</b>	
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>EMail</b>	btouray@comcast.net
<b>Contact Name</b>	BORI A. TOURAY
<b>Area Code</b>	( 916 )
<b>Phone Number</b>	235-3967
<b>Fax Area Code</b>	( )
<b>Fax Phone Number</b>	
<b>Agency Name</b>	DEPARTMENT OF TRANSPORTATION
<b>Counties</b>	01; 02; 03; 04; 05; 06; 07; 08; 09; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 29; 30; 32; 33; 34; 35; 36; 37; 38; 39; 40; 41; 42; 43; 44; 45; 46; 47; 48; 49; 50; 51; 52; 53; 54; 55; 56; 57; 58;
<b>Districts</b>	01; 02; 03; 04; 05; 06; 07; 08; 09; 10; 11; 12;
<b>DBE NAICS</b>	541330; 541340; 541620; 541690;
<b>ACDBE NAICS</b>	
<b>Work Codes</b>	C8705 DESIGN; C8710 ENGINEERING; C8713 CONSULTANT, ENVIRONMENTAL; C8715 CONSULTANT, ENGINEERING; C8720 CIVIL ENGINEERING; C8722 ENVIRONMENTAL ENGINEER; C8765 DRAFTING; C8766 Computer-aided Design & DRAFTING (CADD); C8767 GIS Modeling; C8781 Engineering - Hydrology; C8794 Environmental - Water Quality; C8852 SWPPP Planning;
<b>Licenses</b>	EC Civil Engineer;
<b>Trucks</b>	
<b>Gender</b>	M

<http://www.dot.ca.gov/ucp/QuerySubmit.do>

8/26/2014

Ethnicity  
Firm Type

BLACK  
DBE

Unit ☐ Certification Program

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From: Bori Touray

Fax: (916) 374-7383

To:

Fax: +1 (661) 554-7272

Page 3 of 3 04/25/2016 11:01 PM

<http://www.dcd.ca.gov/ucp/QuerySubmit.do>

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Tue Apr 26 08:23:54 PDT 2016

**Query Criteria**

Firm/DBA Name: alfred civil

Firm Type: DBE

---

<b>Firm ID</b>	41902
<b>Firm/DBA Name</b>	ALFRED CIVIL ENGINEERING, INC
<b>Address Line1</b>	7604 SOQUEL WAY
<b>Address Line2</b>	
<b>City</b>	CITRUS HEIGHTS
<b>State</b>	CA
<b>Zip Code1</b>	95610
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	
<b>Mailing State</b>	
<b>Mailing Zip Code1</b>	
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>EMail</b>	touray@alfredce.com
<b>Contact Name</b>	BORI A. TOURAY
<b>Area Code</b>	( 916 )
<b>Phone Number</b>	235-3967
<b>Alt Area Code</b>	( 916 )
<b>Alt Phone Number</b>	241-5309
<b>Fax Area Code</b>	( 916 )
<b>Fax Phone Number</b>	
<b>Agency Name</b>	DEPARTMENT OF TRANSPORTATION
<b>Counties</b>	01; 02; 03; 04; 05; 06; 07; 08; 09; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 29; 30; 32; 33; 34; 35; 36; 37; 38; 39; 40; 41; 42; 43; 44; 45; 46; 47; 48; 49; 50; 51; 52; 53; 54; 55; 56; 57; 58;
<b>Districts</b>	01; 02; 03; 04; 05; 06; 07; 08; 09; 10; 11; 12;
<b>DBE NAICS</b>	541330; 541340; 541620; 541690;
<b>ACDBE NAICS</b>	
<b>Work Codes</b>	C8705 DESIGN; C8710 ENGINEERING; C8713 CONSULTANT, ENVIRONMENTAL; C8715 CONSULTANT, ENGINEERING; C8720 CIVIL ENGINEERING; C8722 ENVIRONMENTAL ENGINEER; C8765 DRAFTING; C8766 Computer-aided Design & DRAFTING (CADD); C8767 GIS Modeling; C8781 Engineering - Hydrology; C8794 Environmental - Water Quality; C8852 SWPPP Planning;
<b>Licenses</b>	EC Civil Engineer;
<b>Trucks</b>	
<b>Gender</b>	M
<b>Ethnicity</b>	BLACK
<b>Firm Type</b>	DBE

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STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION  
**DBE CONFIRMATION**  
DES-OE-0102.13 (NEW 05/2015)

Contract no.: 05-4482U4  
Name of DBE business: Alfred Civil Engineering, Inc.  
Name of DBE representative: Bori A. Touray  
DBE certification number: 41902  
Name of bidder: Rasmussen/Myers and Sons  
Name of prime contractor if different from the bidder:  
Name of representative of bidder or prime contractor: Eric Landegger, Chief Estimator  
Date: 4/28/2016

Bid item number	Item of work and description of services to be subcontracted or materials to be provided <sup>1</sup>	Amount (\$)
17	Prepare Water Pollution Control Program	\$1,300.00

<sup>1</sup>If 100% of an item is not to be performed or furnished by the DBE, describe the exact portion of the item to be performed or furnished.

Total \$1,300.00

As an authorized representative of a certified disadvantaged business enterprise, I confirm that my business was contacted by the bidder or prime contractor shown above regarding the contract shown above. If the bidder is awarded the contract, my business will enter into a contractual agreement with the bidder or prime contractor to perform the type and dollar amount of work shown on the DBE Commitment form.

I certify under penalty of perjury that the foregoing is true and correct.

Signature of DBE's authorized representative:

Bori A Touray

Printed name of DBE's authorized representative:

President

Title of DBE's authorized representative:

4/29/2016

Date:

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Contract No. 05-4482U4



**Cost Estimate**

**QC Services for Concrete Paving**

Contract No.: 05-4482U4  
Date: April 27, 2016  
Bid Item : 111: Lean Concrete Base (RS) - 2,330 CY  
120: Continously Reinforced Concrete Pavement - 12,400 CY CY  
121: Jointed Plain Concrete Pavement - 80 CY

Item 111

Description	Quantity	Unit	Rate	Amount
Pre-Production Quality Control Support				
Development of Quality Control Plan	1	L.S.	\$ 450	\$ 450
Pre-Production QC support (meetings, submittals, etc.)	8	Hour	\$ 120	\$ 960
LCB(RS)				
Weekly Personnel Mobilization (1 Technician)	2	Each	\$ 515	\$ 1,030
Placement - 1 Tester	10	Shift	\$ 815	\$ 8,150
LCBRS Aggregate Laboratory Testing - 1 per shift	10	Test	\$ 150	\$ 1,500
LCBRS Cylinder Laboratory Testing - 1 set per shift (7 Day Breaks)	10	Set	\$ 120	\$ 1,200
Mobile Laboratory Trailer for Opening Age Strength	10	Each	\$ 100	\$ 1,000
Continously Reinforced Concrete Pavement / JPCP				
Weekly Personnel Mobilization (1 Technician)	3	Each	\$ 515	\$ 1,545
Placement - 1 Tester	15	Shift	\$ 815	\$ 12,225
Concrete Aggregate Testing (2 per shift)	15	Each	\$ 675	\$ 10,125
<b>TOTAL</b>				<b>\$ 38,185</b>
Concrete Paving Support Services				
Flexural Strength Testing (Set of 4 beams)	-	Each	\$ 460	-
Trial Slab / Field Qualification Testing	-	Each	\$ 5,275	-
Additional Beam Testing (per beam)	-	Each	\$ 60	-
JITT (excluding venue)	-	Each	\$ 4,500	-

**Remarks:**

- Estimate is based on 8 hour Straight-Time shifts for 5 consecutive days/week; additional mobilization charges apply for break in schedule.
- Shift rates for CRCP are for 1 person testing a maximum of 1 lot of material and 1" maximum aggregate size. Placement of over 1 lot of material (1,000 cy) or maximum aggregate size greater than 1" (required wet sieving) will require two testers and will be charged as (2) shifts.
- Overtime will be charged at \$132/hour and Double time at \$176/hour.  $\Delta = \$44$
- Union Tester rates quoted are valid through June 30, 2017, after which an annual escalation rate of \$2.25/hour for each Tester will be added onto the shift rate.

$$2 \text{ OT days} \times 1426 = 2852$$

19,822

954  
20T

SQC-HMA - RPN

**Cost Estimate**  
**QC Services for HMA Paving**

Contract No.: 05-4482U4  
Bid Date: April 27, 2016  
Bid Item Nos.: 114: HMA-A: 25,400 tons  
115: Data Core

SQC - Concrete - RPA  
\$19,821<sup>96</sup>

Description	Quantity	Unit	Rate	Amount
<b>QC Plan and Support</b>				
Development of a Quality Control Plan	1	Each	\$ 950	\$ 950
Pre-Production QC support (meetings, submittals, etc.)	8	Hour	\$ 120	\$ 960
<b>HMA-A Field QC Services</b>				
Weekly Personnel Mobilization (1 Technician)	6	Each	\$ 515	\$ 3,090
Placement Inspection - 1 Laydown Inspector / Coring Technician	24	Shift	\$ 980	\$ 20,580
Lab Testing - Rice Density and QC Density Cores	24	Test	\$ 695	\$ 14,595
<b>Additional Laboratory Testing Services - HMA-A</b>				
Hamburg Wheel Track Testing - 1 per 10,000 Tons	3	Test	\$ 900	\$ 2,700
Tensile Strength Ratio Testing - 1 per 10,000 Tons	3	Test	\$ 700	\$ 2,100
Determination of Volumetric- Air Voids, VMA, VFA, DP - 1 per 4,000 tons	7	Test	\$ 470	\$ 3,290
<b>HMA-A Field Total (Bid Item 114)</b>				<b>\$ 48,265</b>
<b>HMA-A Plant : Plant QC Services</b>				
Personnel Mobilization (1 Technician)	6	Each	\$ 515	\$ 3,090
Lab Testing - Aggregate Quality Testing - 1 per 10,000 Tons	3	Each	\$ 1,175	\$ 3,525
Plant Inspector - Lab Testing To Be Performed at Plant Laboratory	21	Shift	\$ 880	\$ 18,480
<b>HMA-A Plant Total (Bid Item 114)</b>				<b>\$ 25,095</b>
<b>Post Paving Services</b>				
Personnel Mobilization (1 Technician)	1	Each	\$ 515	\$ 515
Data Coring, Logging, and Reporting (traffic control excluded)	5	Shift	\$ 1,125	\$ 5,625
<b>Data Coring Total (Bid Item 115)</b>				<b>\$ 6,140</b>

**Supplemental Quality Control Services**

<b>Development of Mix Design</b>				
Development of Job Mix Formula - Per Aggregate Size		Each	\$ 6,900	\$ -
Verification of Job Mix Formula (Hot Drop) - Per Aggregate Size		Each	\$ 3,600	\$ -
<b>Mobile Laboratory</b>				
Mobile Laboratory Mobilization/Demobilization		Each	\$ 1,305	\$ -
Mobile Laboratory (Binder Content, SA, SE, Moisture Content) - Per Shift		Shift	\$ 150	\$ -

**Remarks:**

- 1 Estimate is based on 8 hour Straight-Time shifts for 5 consecutive days/week; additional mobilization charges apply for break in schedule.
- 2 Over time will be charged at \$132/hour. Double time will be charged at \$176/hour.
- 3 Estimate is based on average of 1,250 tons/shift placement shifts for HMA-A. Placements over 1,250 tons/shift will require an additional Technician (\$880) with a weekly mobilization charge (\$515).
- 4 Union Tester rates quoted are valid through June 30, 2017, after which an annual escalation rate of \$2.25/hour for each Tester will be added onto the shift rate.

**Cost Estimate**  
**QC Services for Rebar Splicing**

Contract No.: 05-4482U4

Bid Date: 4/27/2016

Bid Item Nos.: 155(F)

Item	Description	Unit	Rate
<b>Rebar Splicing QC Manager Services</b>			
1	Rebar Splicing Quality Control Manager	Hour	\$ 125
2	QC Sampling, per hour	Hour	\$ 89
<b>Resistance Butt Welded Splices (Ultimate Butt Splice)</b>			
3	Production Lot (all sizes)	Lot	\$ 240
<b>Mechanical Splices (Ultimate Butt Splice)</b>			
4	Production Lot - Ultimate Butt Splice (up to #8/25)	Lot	\$ 410
5	Operator Qualifications - Ultimate Butt Splice (up to #8/25)	Lot	\$ 340
6	Additional Slip Test, each (up to #8/25)	Each	\$ 130
7	Production Lot - Ultimate Butt Splice (#9/29 - #11/36)	Lot	\$ 550
8	Operator Qualifications - Ultimate Butt Splice (#9/29 - #11/36)	Lot	\$ 380
9	Additional Slip Test, each (#9/29 to #11/36)	Each	\$ 130
10	Production Lot - Ultimate Butt Splice (#14/43)	Lot	\$ 930
11	Operator Qualifications - Ultimate Butt Splice (#14/43)	Lot	\$ 540
12	Additional Slip Test, each (#14/43)	Each	\$ 160
13	Production Lot - Ultimate Butt Splice (#18/57)	Lot	\$ 1,330
14	Operator Qualifications - Ultimate Butt Splice (#18/57)	Lot	\$ 740
15	Additional Slip Test, each (#18/57)	Each	\$ 210
<b>Mechanical Splices (Service Splice)</b>			
16	Production Lot - Service Splice (up to #8/25)	Lot	\$ 250
17	Operator Qualifications - Service Splice (#8/25)	Lot	\$ 260
18	Additional Slip Test, each (up to #8/25)	Each	\$ 130
19	Production Lot - Service Splice (#9/29 - #11/36)	Lot	\$ 310
20	Operator Qualifications - Service Splice (#9/29 - #11/36)	Lot	\$ 260
21	Additional Slip Test, each (#9/29 to #11/36)	Each	\$ 130
22	Production Lot - Service Splice (#14/43)	Lot	\$ 490
23	Operator Qualifications - Service Splice (#14/43)	Lot	\$ 320
24	Additional Slip Test, each (#14/43)	Each	\$ 160
25	Production Lot - Service Splice (#18/57)	Lot	\$ 690
26	Operator Qualifications - Service Splice (#18/57)	Lot	\$ 420
27	Additional Slip Test, each (#18/57)	Each	\$ 210
<b>Headed Bars</b>			
28	Production Lot (up to #11/36)	Lot	\$ 210
29	Retest Sample, each (up to #11/36)	Each	\$ 70
30	Production Lot (#14/43)	Lot	\$ 570
31	Retest Sample, each (#14/43)	Each	\$ 190
32	Production Lot (#18/57)	Lot	\$ 720
33	Retest Sample, each (#18/57)	Each	\$ 240
<b>Sample Pickup</b>			
34	Sample Pickup, per trip	Each	\$ 90

## SEQUOIA Consultants

### Remarks:

- 1 All Testing will be performed in accordance with Section 52-6 of Standard Specifications (2010) or with Section 52-1.08 as ammended in the Special Provisions for Standard Specifications (2006).
- 2 Apart from the fees listed above, no additional fees will be charged for reporting, clerical, etc.
- 3 For Mechanical Splices, the "Total Fee, per Lot" assumes a passing lot, which accounts for a single slip test. In case where first slip test fails, the specifications require testing of the 3 remaining samples for slip and they will be charged accordingly.



## Danielle Tellez

---

**From:** Joel Tirney <jtirney@sequoiacon.com>  
**Sent:** Wednesday, April 27, 2016 12:47 PM  
**To:** Danielle Tellez  
**Subject:** Sequoia Bids QC Bids - Caltrans 05-4482U4  
**Attachments:** HMA Cost Estimate - 05-4482U4.pdf; Concrete Paving QC Cost Estimate - 05-4482U4.pdf; QC Rebar Splicing Fee Schedule - 05-4482U4.pdf

Danielle,

Attached is our bid to provide you with Materials Testing, Inspection, and related Quality Control Services for the subject project.

We are a Caltrans and State Certified SBE / DBE (#35308) and are Signatory to Operating Engineers.

We have delineated the entire QC Testing and Inspection Scope into individual services. Services should be evaluated and selected based on your in-house capabilities and the capabilities of materials suppliers.

If you have any questions or need additional information please let me know.

Thank you and good luck with your bid.

Joel Tirney  
*Business Development Manager*  
Sequoia Consultants, Inc.  
361 W. Grove Avenue | Orange | CA 92865  
P 714.974.6316 | F 714.974.6193 | C 714.396.9703

[Back To Query Form](#)**Search Returned 3 Records**

Wed Apr 27 12:47:57 PDT 2016

**Query Criteria**

Firm/DBA Name: sequoia

Firm Type: DBE

---

<b>Firm ID</b>	35308
<b>Firm/DBA Name</b>	SEQUOIA CONSULTANT, INC
<b>Address Line1</b>	361 W. GROVE AVENUE
<b>Address Line2</b>	
<b>City</b>	ORANGE
<b>State</b>	CA
<b>Zip Code1</b>	92865
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	
<b>Mailing State</b>	
<b>Mailing Zip Code1</b>	
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>EMail</b>	pdesilva@sequoiacon.com
<b>Contact Name</b>	PRIYANGA DESILVA
<b>Area Code</b>	( 714 )
<b>Phone Number</b>	974-6316
<b>Alt Area Code</b>	( )
<b>Alt Phone Number</b>	
<b>Fax Area Code</b>	( 714 )
<b>Fax Phone Number</b>	974-6193
<b>Agency Name</b>	DEPARTMENT OF TRANSPORTATION
<b>Counties</b>	00;
<b>Districts</b>	00;
<b>DBE NAICS</b>	541330; 541380;

**ACDBE NAICS**

<b>Work Codes</b>	C8720 CIVIL ENGINEERING; C8723 MATERIALS TESTING SERVICES; C9810 SMALL STRUCTURES;
<b>Licenses</b>	EC Civil Engineer;
<b>Trucks</b>	
<b>Gender</b>	M
<b>Ethnicity</b>	ASIAN SUBCONTINENT
<b>Firm Type</b>	DBE

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION  
**DBE CONFIRMATION**  
DES-05-0102.13 (NEW 05/2015)

Contract no. 05-4482U4

Name of DBE business Sequoia Consultants

Name of DBE representative Pri Desilva

DBE certification number: 35308

Name of bidder Rasmussen/Myers and Sons

Name of prime contractor if different from the bidder \_\_\_\_\_

Name of representative of bidder or prime contractor Eric Landegger, Chief Estimator

Date 4/28/2016

Bid Item number	Item of work and description of services to be subcontracted or materials to be provided <sup>1</sup>	Amount (\$)
11	Material Testing Services/Quality Control	\$19,821.96

<sup>1</sup> If 100% of an item is not to be performed or furnished by the DBE, describe the exact portion of the item to be performed or furnished.

Total	\$19,821.96
-------	-------------

As an authorized representative of a certified disadvantaged business enterprise, I confirm that my business was contacted by the bidder or prime contractor shown above regarding the contract shown above. If the bidder is awarded the contract, my business will enter into a contractual agreement with the bidder or prime contractor to perform the type and dollar amount of work shown on the DBE Commitment form.

I certify under penalty of perjury that the foregoing is true and correct.

Signature of DBE's authorized representative Pri Desilva

Printed name of DBE's authorized representative Pri Desilva

Title of DBE's authorized representative President

Date: 04/29/16

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SHAZARD  
ADL  
monitoring

RPA 6 52820

April 7, 2016

Alicia Mosher  
Rasmussen/Myers and Sons  
28548 Livingston Ave.  
Valencia, CA 91355-4171

**SUBJECT: Lead Consultant Services**  
**PROJECT: CALTRANS, Contract # 05-4482U4**

Dear Alicia,

Thank-you for your interest in Aurora Industrial Hygiene Inc. (Aurora). We are a small (SBE), women-owned (SWBE), disadvantaged (DVBE), and disabled veteran owned business (SDVOSM). Based upon the information provided, it is my understanding that you would like pricing for a Lead Compliance Plan as well as costs for lead monitoring and lead training (if requested). The following is a scope of work and quotation for services:

Aurora can provide the following:

1. A Certified Industrial Hygienist will write a site specific lead compliance plan for work involving the disturbance of earth material containing lead and/or cold planning of lead containing thermoplastic or painted striping.
2. Aurora can provide lead awareness training if requested.
3. Daily rates for providing air monitoring/sampling for lead dust monitoring during striping removal and/or soil removal are provided as well.

**Fee Schedule:**

- 1) Lead Compliance Plan \$ 640.00

**Other Services if Requested:**

- 2) Training – Lead Awareness (includes up to 4 hours total travel) \$1500.00
- 3) Training – Lead Awareness (within 20 miles of Aurora) \$ 640.00
- 4) Lead Air Monitoring 1 day only \$ 680.00
- 5) Laboratory
  - a. Lead in Air (AA) (24hr TAT) \$28.00/sample
  - b. Lead in Air (GF) (24 hr TAT) \$120.00/sample
- 6) Documentation \$ 390.00

Per Diem/Travel/Mileage/Hotel at per government rates  
Travel Time

\$60/hr

**Conditions:**

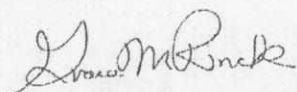


- a. Aurora is not responsible for laboratory delays.
- b. Additional costs for other services, including laboratory analysis which may be requested will be billed at cost +20%.
- c. Shift rates are for standard, 8-hr weekday shifts. Overtime rates of 150% will be applied for weekend, holiday, and time after 8 hours/shift.
- d. Invoices are payable within 30 days of receipt. Invoices paid after 30 days are subject to a finance charge computed at a monthly rate of 1.5% (annual percentage rate of 18%). Client is responsible for legal and collection costs if necessary to collect past due amount(s).
- e. A 3% surcharge will be added for all credit card transactions.

All costs are based on Aurora maintaining \$2,000,000 in liability insurance, with no special endorsements. If required, the following policy endorsements can be provided at no additional cost: Additional Insured, Waiver of Subrogation, Primary and Non Contributing and 30 days notice. Other requirements may result in additional fees.

If this proposal is satisfactory please sign and email to my attention at [grinck@auroraiih.com](mailto:grinck@auroraiih.com).

Sincerely,



Grace M. Rinck, CIH

The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. The signature below constitutes a legal and binding contract.

Signature/Date	Printed Name/Title

**Recipient Information**

**To: Alicia Mosher**  
**Company: Rasmussen Myers and Sons**  
**Fax #: 6615547272**

**faxZERO.com**  
*send a fax for free*

**Sender Information**

**From: Susan L. French**  
**Company: Aurora Industrial Hygiene**  
**Email address: info@AURORAIH.COM (from 99.95.101.27)**  
**Phone #: 16264034104**  
**Sent on: Thursday, April 7 2016 at 2:49 PM EDT**

Hello Alocia,

Please see the accompanying Response Form and LCP proposal for CalTrans Contract# 05-4482U4.

Thank you,

Susan L. French

[Back To Query Form](#)**Search Returned 2 Records**

Thu Apr 07 11:57:36 PDT 2016

**Query Criteria**

Firm/DBA Name: aurora

Firm Type: DBE

<b>Firm ID</b>	29364
<b>Firm/DBA Name</b>	AURORA INDUSTRIAL HYGIENE
<b>Address Line1</b>	9666 BUSINESSPARK AVENUE, SUITE 102
<b>Address Line2</b>	
<b>City</b>	SAN DIEGO
<b>State</b>	CA
<b>Zip Code1</b>	92131
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	1132 MISSION ST., STE B
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	SOUTH PASADENA
<b>Mailing State</b>	CA
<b>Mailing Zip Code1</b>	91030
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	SWBE
<b>EMail</b>	kshockley@auroraih.com
<b>Contact Name</b>	KAREN SHOCKLEY
<b>Area Code</b>	( 626 )
<b>Phone Number</b>	403-4104
<b>Alt Area Code</b>	( )
<b>Alt Phone Number</b>	
<b>Fax Area Code</b>	( 562 )
<b>Fax Phone Number</b>	988-0010
<b>Agency Name</b>	DEPARTMENT OF TRANSPORTATION
<b>Counties</b>	00;
<b>Districts</b>	00;
<b>DBE NAICS</b>	541618; 541690; 924110; 925120;

**ACDBE NAICS****Work Codes**

C8700 CONSULTANT, NON ENGINEERING; C8702 MANAGEMENT INFORMATION SYSTEMS; C8722 ENVIRONMENTAL ENGINEER; I8734 LABORATORY TESTING AND ANALYSIS; I8740 MANAGEMENT & PUBLIC RELATIONS; J9510 ENVIRONMENTAL QUALITY; J9530 HOUSING & URBAN DEVELOPMENT;

**Licenses****Trucks****Gender****Ethnicity****Firm Type**

F  
CAUCASIAN

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION  
DBE CONFIRMATION  
CES-DBE-0102.13 (NEW 05/2015)

Contract no.: 05-4482U4  
Name of DBE business: Aurora Industrial Hygiene  
Name of DBE representative: Grace M. Rinek  
DBE certification number: 29364  
Name of bidder: Rasmussen/Myers and Sons  
Name of prime contractor if different from the bidder:  
Name of representative of bidder or prime contractor: Eric Landegger, Chief Estimator  
Date: 4/28/2016

Bid item number	Item of work and description of services to be subcontracted or materials to be provided *	Amount (\$)
1	Lead Compliance Plan for ADL	\$2,820.00

\*If 100% of an item is not to be performed or furnished by the DBE, describe the exact portion of the item to be performed or furnished.

Total \$2,820.00

As an authorized representative of a certified disadvantaged business enterprise, I confirm that my business was contacted by the bidder or prime contractor shown above regarding the contract shown above. If the bidder is awarded the contract, my business will enter into a contractual agreement with the bidder or prime contractor to perform the type and dollar amount of work shown on the DBE Commitment form.

I certify under penalty of perjury that the foregoing is true and correct.

Signature of DBE's authorized representative:

Grace M Rinek

Printed name of DBE's authorized representative:

Title of DBE's authorized representative:

2-29-16

Date:

ADA Notice

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Contract No. 05-4482U4





G & C Equipment Corp, Inc. (CA)

1875 W. Redondo Beach Blvd.  
Ste 102  
Gardena, CA 90247

# Quote

Project	Date	Estimate #
	4/27/2016	QO-21017

Phone: (310)515-6715 Fax: (310)515-5046

Name / Address
Estimator <b>SOHSIGN</b> <b>RP?</b>

Ship To
Cadot # 05-4482U4 Carpinteria, Ca <b>SPDSN</b> <b>RP?</b>

P.O. No.	Terms	Valid Until	Rep	FOB
	Net 30	5/6/2016	JEB	

Item	Qty	U/M	Description	Item Description	Unit Price	Total
161 CS (T)	540	SF	0.063" UNFRAMED	Bid Item # 161	10.45	5,643.00T
162 CS (T)	100	SF	0.080" UNFRAMED	Bid Item # 162	11.00	1,100.00T
CS (T)	140	SF	1" TYPE A LAMINATED FOR TYPE XI	Bid Item # 168	26.40	3,696.00T
CS (T)	410	SF	1" TYPE B LAMINATED FOR TYPE XI	Bid Item # 169	25.30	10,373.00T
CS (T)	610	SF	2-1/2" TYPE B LAMINATED FOR TYPE XI	Bid Item # 170	28.60	17,446.00T
171 CS (T)	680	SF	0.063" UNFRAMED FOR TYPE XI	Bid Item # 171	8.25	5,610.00T
172 CS (T)	510	SF	0.080" UNFRAMED FOR TYPE XI	Bid Item # 172	8.80	4,488.00T
173 CS (T)	110	SF	0.063" FRAMED FOR TYPE XI	Bid Item # 173	11.55	1,270.50T
174 CS (T)	61	SF	0.080" FRAMED FOR TYPE XI	Bid Item # 174	12.10	738.10T
CS (T)	2,500	SF	FURNISH TYPE XI SHEETING	Bid Item # 175	4.40	11,000.00T
2360 → 140 → off sons by Statewide Safety Certifications: DVBE #5092 Exp. 11-30-2016 SBE #5092 CUCP DEB #820 SDB #W A0001-0015745						
					<b>Subtotal</b>	<b>57,668.60</b> <del>\$61,364.60</del>
					<b>Sales Tax (8.0%)</b>	<b>4,613.48</b> <del>\$4,909.17</del>
					<b>Total</b>	<b>\$66,273.77</b>

Signature \_\_\_\_\_

**62,282.08**

**DEPARTMENT OF TRANSPORTATION**  
**OFFICE OF BUSINESS AND ECONOMIC OPPORTUNITY**  
 1823 14<sup>TH</sup> STREET  
 SACRAMENTO, CA 95811  
 PHONE (916) 324-1700  
 FAX (916) 324-8760  
 TTY 711



*Flex your power!  
 Be energy efficient!*

November 29, 2012

Gene Hale  
 G & C Equipment  
 1875 West Redondo Beach Blvd., Suite 102  
 Gardena, CA 90247

RE: Work Item Review for G&C Equipment Corporation

Dear Mr. Hale:

This letter is regarding the recent meeting your company had with Caltrans Director Malcolm Dougherty and Assistant Director René Halverson from the Office of Business Economic Opportunity.

Caltrans has taken the initiative to ensure all certified DVBE firms that bid on or perform on Caltrans' State funded projects are performing a commercial useful function (CUF). After careful evaluation of the information and documentation obtained as a result of the review, pursuant to Military & Veterans Code §999(b)(5)(B) (i) and (ii), your firm is deemed to perform a CUF when providing the following types of services on Caltrans projects:

Work Item Description	G&C's Role/Participation
Safety Equipment Supplier	Review of past performance on Caltrans projects, onsite visit and inventory listing, G&C deemed able to perform these tasks
Reinforcing Bar Supplier	Review of past performance on Caltrans projects, onsite visit and inventory listing, G&C deemed able to perform these tasks
Lumber Supplier	Review of past performance on Caltrans projects, onsite visit and inventory listing, G&C deemed able to perform these tasks
Pipe Supplier	Review of past performance on Caltrans projects, onsite visit and inventory listing, G&C deemed able to perform these tasks
Guard Railing & Barriers Supplier	Review of past performance on Caltrans projects, onsite visit and inventory listing, G&C deemed able to perform these tasks
Traffic Stripes, Marking & Traffic Control Materials	Review of past performance on Caltrans projects, onsite visit and inventory listing, G&C deemed able to perform these tasks
Wholesale Broker of Construction Materials	Review of past performance on Caltrans projects, onsite visit and inventory listing, G&C deemed able to perform these tasks

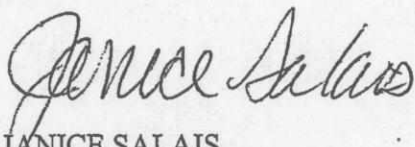
Work Item Description (Continued)	G&C's Role/Participation (Continued)
Sign Structure Supplier	Review of past performance on Caltrans projects, onsite visit and inventory listing, G&C deemed able to perform these tasks
Electrical Supplier	Review of past performance on Caltrans projects, onsite visit and inventory listing, G&C deemed able to perform these tasks
Construction Area Signs Supplier	Review of past performance on Caltrans projects, onsite visit and inventory listing, G&C deemed able to perform these tasks
Plumbing Materials Supplier	Review of past performance on Caltrans projects, onsite visit and inventory listing, G&C deemed able to perform these tasks

Since we have determined your firm is providing a CUF for the specified classifications listed in the table above, the DVBE credit can ONLY be granted to the afore mentioned classifications and counted towards DVBE goals for Caltrans State funded contracts. For all other goods and services that G & C Equipment is listed for, the Contract Evaluation Unit will assess these particular work items on a contract by contract basis.

You may review your firm's information on the Department of General Services (DGS) website at <http://www.bidsync.com/DPXBisCASB>. It is your responsibility to maintain correct information regarding your firm's name, address, phone/fax number, and e-mail address on the DGS website.

If you have questions or need further assistance or clarification, please contact Ryan Jeske, Contract Evaluation Analyst, CEU at (916) 324-0462, or by email at [ryan\\_jeske@dot.ca.gov](mailto:ryan_jeske@dot.ca.gov).

Sincerely,



JANICE SALAIS  
Chief, Certification Unit  
Contract Evaluation Unit  
California Department of Transportation





Los Angeles County  
Metropolitan Transportation Authority

One Gateway Plaza  
Los Angeles, CA 90012-2952

213.922.2000 Tel  
metro.net

# Metro

June 6, 2012

Mr. Felipe Olivar  
Senior Project Manager  
ATKINSON CONSTRUCTION, a subsidiary of Clarke Construction Group, LLC  
27422 Portola Parkway, Suite 250  
Foothill Ranch, CA 92610

Subject: Contract No. PS 09-2210-2333 Metro ExpressLanes Project  
G&C Equipment Corporation

This letter is in response to Atkinson's letter dated March 23, 2012, submitted in response to Los Angeles Metropolitan Transportation Authority's Diversity & Economic Opportunity Department (DEOD) letter dated, March 9, 2012. Metro has completed a review of Atkinson's UDBE subcontractor, G&C Equipment Corporation, to determine crediting their (G&C) UDBE participation as a regular dealer or broker. The focal point of our review pertained to G&C's purchase of specialty signs, transformers and other equipment not regularly inventoried in their warehouse. In determining a UDBE firm's eligibility to receive credit as a regular dealer or a broker, the decision requires a transaction by transaction analysis, as directed by 49 CFR 26.55(e).

On Monday, April 2, 2012, DEOD conducted a fact finding meeting with G&C's President, Gene Hale, to obtain information regarding equipment not regularly kept in inventory and to determine risk assumed by taking possession of and delivering signs and transponders supplied to Atkinson. Mr. Hale responded to questions raised during the meeting with DEOD that allowed for in-depth review of G&C's procurement process. DEOD examined documents to determine G&C's insurable interest in the equipment purchased for Atkinson on the ExpressLanes project.

For DEOD's analysis, Mr. Hale submitted requested documentation directly characterizing G&C's transactions for procuring materials, supplies and equipment for Atkinson specifically on the ExpressLanes project. Mr. Hale provided copies of purchase orders, pricing sheets, cancelled checks, procurement procedures, inspection reports, bills of lading (for items shipped to the project site and to G&C's warehouse) associated with the Metro ExpressLanes project. On Thursday, April 26, 2012, DEOD also performed an on-site review of G&C's warehouse to verify a shipment of transponders delivered earlier during the week.

For additional guidance in determining G&C's eligibility to receive UDBE credit as a regular dealer, DEOD referenced the State of California Commercial Code (Section 2505). As a result, DEOD determined that G&C's negotiable bill of lading, confirms that they (G&C)



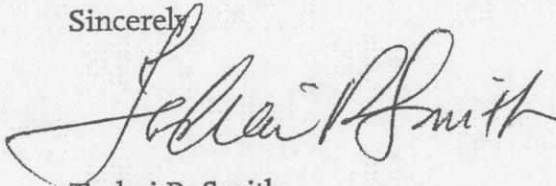
holds a security interest in the subject materials and supplies for Metro ExpressLanes. The Purchase orders, pricing sheets, cancelled checks for products procured, inspections reports, and the site visit conducted by DEOD, confirmed that the products procured by G&C, sufficiently demonstrates that they (G&C) hold an insurable interest in the specialty equipment inventoried and supplied to Atkinson for use on the Metro ExpressLanes project.

In accordance with 49 CFR Part 26.55(e)(2), Metro finds that G&C is "a regular dealer that engages, as its principal business and under its own name, in the purchase and sale or lease of products in question." As a result, Metro rescinds its initial determination and will grant Atkinson regular dealer credit for the specialty signs, transformers, and other equipment regularly procured by G&C for the Metro ExpressLanes Project as defined in 49 CFR 26.55.

Based on the result of our findings, Atkinson will continue to receive 60% credit for G&C's participation as a regular dealer. In addition, in order to continually and appropriately credit UDBE participation, Atkinson shall provide prior written notice to DEOD of any anticipated transactions for specialty items not regularly purchased or warehoused by G&C.

Please contact Linda Perryman at (213)922-2626, with any question relating to crediting UDBE participation on this project.

Sincerely,



Tashai R. Smith  
Director, Small Business Programs  
Diversity & Economic Opportunity Department

cc: Linda B. Wright, Executive Officer, DEOD, LACMTA  
Ryan Van Maarth, ATKINSON  
Gene Hale, G&C Equipment  
Fred Smith, Director, Construction Management, LACMTA  
Rogelio Miramontes, Construction Management, Consultant, LACMTA  
Mike Holguin, Sr Contract Administrator, LACMTA  
Linda Perryman, Sr. Representative, Contract Compliance, LACMTA

## Danielle Tellez

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**From:** John Brawdy <john@gandccorp.com>  
**Sent:** Wednesday, April 27, 2016 9:08 AM  
**To:** Danielle Tellez  
**Cc:** William DuFour  
**Subject:** DVBE / UDBE / DBE / Hubzone / SDVBE / MBE Construction Material & Supplies (CADOT Contract # 05-4482U4)  
**Attachments:** GC Presentation 02-13-14.pdf; Caltrans Approved Letter.pdf; MTA Approved Letter.pdf; Quote # 21017.pdf

Estimator

Please see attached **sign panel quote**. Also I have attached the G&C PowerPoint, CUF Letters.

Thank you.

Certifications:  
DVBE #5092 Exp. 11-30-2014  
DBE #5092  
CUCP DEB #820  
SDB #WA0001-0015745

John E. Brawdy  
Senior Project Manager  
G&C Equipment Corporation  
1875 W. Redondo Beach Blvd. STE 102  
Gardena, Ca 90247  
Ph.: 877-824-8087  
Ph.: 310-515-6715 Ext. 225  
Fax: 310-515-5046  
[john@gandccorp.com](mailto:john@gandccorp.com)  
[WWW.GandCcorp.com](http://WWW.GandCcorp.com)

[Back To Query Form](#)**Search Returned 1 Records**

Wed Apr 27 09:15:22 PDT 2016

**Query Criteria**

Firm ID: 820

Firm Type: DBE

---

<b>Firm ID</b>	820
<b>Firm/DBA Name</b>	G & C EQUIPMENT CORP.
<b>Address Line1</b>	1875 W. REDONDO BEACH BLVD. #207
<b>Address Line2</b>	
<b>City</b>	GARDENA
<b>State</b>	CA
<b>Zip Code1</b>	90247
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	P. O. BOX 5419
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	GARDENA
<b>Mailing State</b>	CA
<b>Mailing Zip Code1</b>	90249
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>Email</b>	gene@gandccorp.com
<b>Contact Name</b>	GENE HALE
<b>Area Code</b>	( 310 )
<b>Phone Number</b>	515-6715
<b>Alt Area Code</b>	( )
<b>Alt Phone Number</b>	
<b>Fax Area Code</b>	( 310 )
<b>Fax Phone Number</b>	515-5046
<b>Agency Name</b>	LOS ANGELES COUNTY METRO TRANSPORTATION AUTHORITY (MTA)
<b>Counties</b>	00;
<b>Districts</b>	00;
<b>DBE NAICS</b>	423310; 423320; 423390; 423510; 423610; 423720; 423730; 423830; 423860; 425120; 532412; 561320;
<b>ACDBE NAICS</b>	
<b>Work Codes</b>	C0600 MISC SUPPLIERS; C0639 ASPHALT SUPPLIER; C0651 CONCRETE & CEMENT SUPPLIER; C0652 REINFORCING BAR SECTION SUPPLIER; C0655 STEEL SUPPLIER; C0670 PIPE SUPPLIER; C0686 ELECTRICAL & SIGNALS SUPPLIER; C0699 TOOLS Supplier; C9999 BROKER; D3620 ELECTRICAL INDUSTRIAL APPARATUS; F5070 HARDWARE, PLUMBING & HEATING EQUIPMENT; F5080 MACHINERY, EQUIPMENT, & SUPPLIES; F5210 LUMBER & OTHER BUILDING MATERIALS; I7350 MISC EQUIPMENT RENTAL & LEASING; I7360 PERSONNEL SUPPLY SERVICES;
<b>Licenses</b>	
<b>Trucks</b>	
<b>Gender</b>	M
<b>Ethnicity</b>	BLACK
<b>Firm Type</b>	DBE

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[Back To Query Form](#)

[Back To Query Form](#)**Search Returned 1 Records**

Thu Apr 28 14:04:15 PDT 2016

**Query Criteria**

Firm ID: 820

Firm Type: DBE

Firm ID	820
Firm/DBA Name	G & C EQUIPMENT CORP.
Address Line1	1875 W. REDONDO BEACH BLVD. #207
Address Line2	
City	GARDENA
State	CA
Zip Code1	90247
Zip Code2	
Mailing Address Line1	P. O. BOX 5419
Mailing Address Line2	
Mailing City	GARDENA
Mailing State	CA
Mailing Zip Code1	90249
Mailing Zip Code2	
Certification Type	DBE
Email	gene@gandccorp.com
Contact Name	GENE HALE
Area Code	( 310 )
Phone Number	515-6715
Alt Area Code	( )
Alt Phone Number	
Fax Area Code	( 310 )
Fax Phone Number	515-5046
Agency Name	LOS ANGELES COUNTY METRO TRANSPORTATION AUTHORITY (MTA)
Counties	00;
Districts	00;
DBE NAICS	423310; 423320; 423390; 423510; 423610; 423720; 423730; 423830; 423860; 425120; 532412; 561320;

**ACDBE NAICS****Work Codes**

C0600 MISC SUPPLIERS; C0639 ASPHALT SUPPLIER; C0651 CONCRETE & CEMENT SUPPLIER; C0652 REINFORCING BAR SECTION SUPPLIER; C0655 STEEL SUPPLIER; C0670 PIPE SUPPLIER; C0686 ELECTRICAL & SIGNALS SUPPLIER; C0699 TOOLS Supplier; C9999 BROKER; D3620 ELECTRICAL INDUSTRIAL APPARATUS; F5070 HARDWARE, PLUMBING & HEATING EQUIPMENT; F5080 MACHINERY, EQUIPMENT, & SUPPLIES; F5210 LUMBER & OTHER BUILDING MATERIALS; I7350 MISC EQUIPMENT RENTAL & LEASING; I7360 PERSONNEL SUPPLY SERVICES;

**Licenses****Trucks****Gender****Ethnicity****Firm Type**

M  
BLACK  
DBE

[Back To Query Form](#)



[Back To Query Form](#)**Search Returned 1 Records**

Thu Apr 28 14:04:15 PDT 2016

**Query Criteria**

Firm ID: 820

Firm Type: DBE

<b>Firm ID</b>	820
<b>Firm/DBA Name</b>	G & C EQUIPMENT CORP.
<b>Address Line1</b>	1875 W. REDONDO BEACH BLVD. #207
<b>Address Line2</b>	
<b>City</b>	GARDENA
<b>State</b>	CA
<b>Zip Code1</b>	90247
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	P. O. BOX 5419
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	GARDENA
<b>Mailing State</b>	CA
<b>Mailing Zip Code1</b>	90249
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>EMAIL</b>	gene@gandccorp.com
<b>Contact Name</b>	GENE HALE
<b>Area Code</b>	( 310 )
<b>Phone Number</b>	515-6715
<b>Alt Area Code</b>	( )
<b>Alt Phone Number</b>	
<b>Fax Area Code</b>	( 310 )
<b>Fax Phone Number</b>	515-5046
<b>Agency Name</b>	LOS ANGELES COUNTY METRO TRANSPORTATION AUTHORITY (MTA)
<b>Counties</b>	00;
<b>Districts</b>	00;
<b>DBE NAICS</b>	423310; 423320; 423390; 423510; 423610; 423720; 423730; 423830; 423860; 425120; 532412; 561320;

**ACDBE NAICS****Work Codes**

C0600 MISC SUPPLIERS; C0639 ASPHALT SUPPLIER; C0651 CONCRETE & CEMENT SUPPLIER; C0652 REINFORCING BAR SECTION SUPPLIER; C0655 STEEL SUPPLIER; C0670 PIPE SUPPLIER; C0686 ELECTRICAL & SIGNALS SUPPLIER; C0699 TOOLS Supplier; C9999 BROKER; D3620 ELECTRICAL INDUSTRIAL APPARATUS; F5070 HARDWARE, PLUMBING & HEATING EQUIPMENT; F5080 MACHINERY, EQUIPMENT, & SUPPLIES; F5210 LUMBER & OTHER BUILDING MATERIALS; I7350 MISC EQUIPMENT RENTAL & LEASING; I7360 PERSONNEL SUPPLY SERVICES;

**Licenses****Trucks****Gender****Ethnicity****Firm Type**

M  
BLACK  
DBE

[Back To Query Form](#)

BC Quote: TRE-0256

# B C Traffic Specialist

638 W Southern Ave., Orange, CA 92865  
(714) 974-1190 Tel. (714) 974-1753 Fax  
Direct Line - (714) 974-1190 Ext. 125

Agency: Caltrans  
Project: Caltrans 05-4482U4  
Carpenteria, CA

Bid Date: 4/27/2016

SRDSN 155,310<sup>93</sup> RPA 46  
SDHSN 126,60780 RPA 48

## Bid Proposal

Contractor's Lic. # 877686  
UNION CONTRACTOR - Laborers Local # 1184  
Class B, C 31, C 32, D 6, D 38, D 42, D 64  
SBE Certified Firm - # 44966

DIR Number: 1000005503

Addenda Noted: 1,2,3,4,5

Estimator: Trevor Couch

Cell Phone: 714-366-0383

Email: trevor@bctrffic.com

EP

Item	Item Description	Quantity	Unit	Unit Price	Extended Price
46	Roadside Sign Package				
47	Remove Roadside Sign	100	EA	\$ 95.00	\$ 9,500.00
161	Remove Roadside Sign (Strap and Saddle)	8	EA	\$ 85.00	\$ 680.00
162	Furnish Single Sheet Aluminum Sign (0.063" - Unframed)	540	SQFT	\$ 15.45	\$ 8,343.00
163	Furnish Single Sheet Aluminum Sign (0.080" - Unframed)	100	SQFT	\$ 16.72	\$ 1,672.00
164	Roadside Sign - One Post	140	EA	\$ 285.00	\$ 39,900.00
165	Roadside Sign - Two Post	6	EA	\$ 815.00	\$ 4,890.00
166	Install Sign (Strap and Saddle Bracket Method)	2	EA	\$ 160.00	\$ 320.00
167	Install Sign Panel on Existing Post	3	EA	\$ 80.00	\$ 240.00
167	Install Sign (Laminated Wood Box Post)	7	EA	\$ 1,050.00	\$ 7,350.00
	Excludes Laminated Wood Box Posts - Caltrans Furnished				
169	Furnish Laminated Panel (1" Type B) For Retroreflective	410	SQFT	\$ 27.89	\$ 11,434.90
170	Furnish Laminated Panel (2 1/2" Type B) For Retroreflective	610	SQFT	\$ 36.02	\$ 21,972.20
171	Furnish Single Sheet Aluminum Sign (0.063" - Unframed)	680	SQFT	\$ 9.90	\$ 6,732.00
172	Furnish Single Sheet Aluminum Sign (0.080" - Unframed)	510	SQFT	\$ 11.09	\$ 5,655.90
173	Furnish Single Sheet Aluminum Sign (0.063" - Framed)	110	SQFT	\$ 17.46	\$ 1,920.60
174	Furnish Single Sheet Aluminum Sign (0.080" - Framed)	61	SQFT	\$ 18.53	\$ 1,130.33
175	Retroreflective Sheeting (Type XI)	2,500	SQFT	\$ 5.75	\$ 14,375.00
282	Mobilization	1	LS	\$ 20,000.00	\$ 20,000.00
287	DBC ADD 5% For All BC Traffic Operations and Mobilizations	1	LS	\$ 4,161.05	\$ 4,161.05
*All Bid Items Exclude Traffic Control *Bid Items Cannot Be Split Out of This Package Without Permission of BC Traffic					\$ 160,276.98 ✓
BID PACKAGE TOTAL:					\$ 156,115.93
135	Sign Structure Package				
	60" Cast-In-Drilled-Hole Concrete Pile (Sign Foundation)	23	LF	\$ 1,750.00	\$ 40,250.00
	Excludes Removal of Spoils Includes Rebar and Concrete				
159	Furnish Sign Structure (Truss)	17,600	LB	\$ 3.90	\$ 68,640.00
160	Install Sign Structure (Truss)	17,600	LB	\$ 0.15	\$ 2,640.00
168	Furnish Laminated Sign Panel (1" - Type A)	140	SQFT	\$ 30.52	\$ 4,272.80
282	Mobilization	1	LS	\$ 10,000.00	\$ 10,000.00
	For All BC Traffic Operations and Mobilizations				
*All Bid Items Exclude Any and All Electrical Work *All Bid Items Exclude Traffic Control *Bid Items Cannot Be Split Out of This Package Without Permission of BC Traffic					
BID PACKAGE TOTAL:					\$ 123,802.80 ✓

83,220.93  
5% = \$4,161.05  
DBC  
ADD

Total Move Ins For Sign Structure Installation Operations:  
Total Move Ins For Cast-In-Drilled Holes Operations:  
Total Move Ins For Roadside Signs Operations:  
Total Move Ins For Construction Area Signs Operations:  
Additional Move In Charge:

1 EA  
1 EA  
10 EA  
EA  
EA \$ 2,500.00

### **Project Terms and Conditions:**

A minimum of 15 working days prior notification is required for each move-in. BC Traffic will not be impacted by Liquidated Damages assessed by the Contractor / Agency due to an inadequate amount of time to complete BC Traffic Operations.

Prime Contractor to provide us with a JOBSITE secure area for temporary storage of possible material and equipment if necessary.

**If Bonding is required Please add 3% to the total bid price. A minimum price of \$ 400.00 will be required for all bonds.**

For BC Traffic insurance requirements please read General Term & Conditions for Insurance limitations.

Upon Award of Contract, BC Traffic Will Submit its weather policy statement that will become a binding document to the contract.

**All Sign and Post Hole Digging Excludes Coring, Concrete Patchwork or Concrete Repair.**

**Contractor is responsible for markings of all sign & post locations. It's Contractor's responsibility to remove USA Markings.**

**MOVE INS MUST AMOUNT TO A MINIMUM OF \$2,500 TOWARDS THE AWARDED CONTRACT. ANY MOVE INS THAT DO NOT MEET MINIMUM \$2,500 MOVE IN STANDARD WILL BE BACK CHARGED THE DIFFERENCE SEPARATE FROM THE AWARDED CONTRACT**

### **Payment Terms:**

Contractor to provide monthly progress payments for all completed work in accordance with the bid pricing schedule. Monthly payments must be received in full by BC Rentals, Inc. no later than 10 calendar days after the Contractor receives payment from Owner for our completed work. Delinquent payments will be subject to the highest interest rate allowed by law.

Retainage percentage on monthly progress payments to be no greater than the percentage retained by the Owner on its payments to the Contractor. If Owner reduces the retainage percentages on payments to the Contractor, the Contractor shall likewise reduce the retainage percentage on payments to BC Rentals, Inc. Full retention to be released no later than thirty (30) days after completion of BC Rentals, Inc. work. Excessive or delinquent retainage will be subject to the highest interest rate allowed by law.

### **General Terms & Conditions**

**NOTE: All contracts must be written to our legal corporate name "BC Rentals, Inc."**

BC Rentals, Inc. requires a written contract, purchase order or signed quote prior to the start of work.

Any required Testing, Engineering, Design, Permits, Licenses or Applications, and the like to be provided by others.

Prices are based on Plans & Specifications available at bid time, including all addenda. Any request for work (post bid) under conditions differing from those represented by the Prime Contract Documents, including but not limited to; altered phasing or staging, design changes, modified layout resulting from plan errors or inaccurate designs, will require payment for additional work to be made to BC Rentals, Inc. at an amount agreed upon prior to performing this work. If an amount cannot be agreed upon prior to performing the additional work the amount will be determined using Caltrans Force Account Rates or unit prices established in the bid pricing schedule, or a combination thereof; whichever method results in a higher overall payment.

BC Rentals, Inc. is not responsible for delays caused by and or resulting from activities or non activities of others, including but not limited to, owner, contractor, vendors, suppliers, other subcontractors and other factors not in direct control of BC Rentals, Inc. For the delays caused by the aforementioned, BC Rentals, Inc. will be reimbursed for all direct and indirect costs plus a mark up of forty percent (40%), or as specified and allowed by the Prime Contract if the delays are caused by the Owner / Agency. BC Rentals, Inc. will be granted an extension of time to perform its work tantamount to the delays.

Price Includes General Liability Insurance coverage up to Two Million Dollars, Auto Liability up to One Million Dollars, and Umbrella Liability up to Five Million Dollars. Bid Price does not include cost for insurance requirement beyond that requirement. Price does not include any special insurance requirement (i.e. Railroad Insurance, etc). An additional cost will be required for this type of policy.

BC Rentals, Inc. requires fifteen (15) working days notice prior to commencement of any production activity. If any of BC Rentals, Inc. work will be a controlling operation on the critical path of this project, BC Rentals, Inc. must be notified in writing prior to execution of the Subcontract Agreement and provided with a CPM schedule which details this work. Failure to provide this information will waive the Contractor's right to recover liquidated damages from BC Rentals, Inc. for this work.

All changes to the original scope of work or proposed extra work must be directed by the Contractor in writing prior to BC Rentals, Inc. performing this work.

For the purpose of this Subcontract Quotation one (1) move-in is considered to be: a period of consecutive eight (8) hour days of continuous work, not including weekends and holidays. Any discontinuities in this period, other than weekends and holidays, or for our own convenience, will be charged as an additional move-in at the Addition Move-In Charge as quoted herein.

BC Rentals, Inc. must receive a letter of intent to award us the subcontract no later than (30) calendar days after bid date or this

Subcontract Quotation becomes null and void. Also, This quote shall become a part of any and all subcontract agreements and / or purchases orders related to the project. Violation of this action will nullify this proposal.

Submitted by: Trevor Couch, Estimator  
P:(714) 974-1190 F:(714) 974-1753

I hereby accept all terms and conditions of this proposal and that this proposal will be incorporated into all contract agreements

Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_

Company: \_\_\_\_\_ Position: \_\_\_\_\_



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**DBE CONFIRMATION**  
 DES-CE-0102.13 (NEW 05/2015)

Contract no.: 05-4482U4  
 Name of DBE business: G&C Equipment Corp.  
 Name of DBE representative: John Browdy  
 DBE certification number: 820  
 Name of bidder: Rasmussen/Myers and Sons  
 Name of prime contractor if different from the bidder: \_\_\_\_\_  
 Name of representative of bidder or prime contractor: Eric Landegger, Chief Estimator  
 Date: 4/28/2016

Bid Item number	Item of work and description of services to be subcontracted or materials to be provided <sup>1</sup>	Amount (\$)
161-162 &	Sign Panel Material Supplier	\$62,282.08
169-174	(2nd tier Material Supplier to BC Traffic Specialist)	X 60%
DBE Amount:		\$37,369.25

<sup>1</sup>If 100% of an item is not to be performed or furnished by the DBE, describe the exact portion of the item to be performed or furnished.

	Total	\$62,282.08
--	-------	-------------

As an authorized representative of a certified disadvantaged business enterprise, I confirm that my business was contacted by the bidder or prime contractor shown above regarding the contract shown above. If the bidder is awarded the contract, my business will enter into a contractual agreement with the bidder or prime contractor to perform the type and dollar amount of work shown on the DBE Commitment form.

I certify under penalty of perjury that the foregoing is true and correct.

[Signature]  
 Signature of DBE's authorized representative:

John S. Browdy  
 Printed name of DBE's authorized representative:

Senior Project Manager  
 Title of DBE's authorized representative:

4/28/16  
 Date:

**ADA Notice** For individuals with sensory disabilities, this document is available in alternate formats. For alternate format information, contact the Forms Management Unit at (916) 445-1233, TTY 711, or write to Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.



**LMS TRANSPORT**  
CA # 434396  
© 800-698-6886

OFFICE: 951-616-3828

FAX: 951-685-1862

Email: [orders@lms-transport.com](mailto:orders@lms-transport.com) or  
[orders@lmncoldmilling.com](mailto:orders@lmncoldmilling.com)

2751 Avalon St, Jurupa Valley, Ca 92509

UDBE # 38327 | SBE# 1770011



UDBE # 40561 | SBE# 1795213

COMPANY: Vulcan Materials ATTN: Estimating

BID DATE: 4-27-16

PROJECT NAME: Route 105 - #05-4482U4

Below is LMS Transport's & LMN Incorporated's quote for the above referenced project. If this quote is accepted please send a signed copy to [orders@lms-transport.com](mailto:orders@lms-transport.com) or fax to **951-685-1862**

- **Item #: Oil Supply Only (per ton):** (1) 1,095 of PG64-10 @ \$278 (Index-5%).
- **Item # Freight Only (per ton):** (1) \$31 to Saticoy.
- **Item Numbers:** See rental rates below for cold milling, dump trucks, equipment moves, & flatbeds.
  - **See LMS Transport's & LMN Incorporated's Standard Hourly Rates on Page 2.** You may apply any of these rental rates for the above mentioned contract to any bid items for services we offer to meet your DBE goals. LMN & LMS are sister companies & DBE Certified (asset based organizations!). Note: In (parenthesis) on page 2 states the amount of equipment we "own".

SEE ATTACHED  
for breakdown

INCLUSIONS (PERTAINING TO OIL SUPPLYING/TRUCKING/COLD MILLING):

1. **TERMS ARE NET 7 (no sales taxes or environmental fees included).**
2. A flat \$12 Oil Spill Assessment Fee will be added to each load of oil.
3. **LMS TRANSPORT MUST BE NOTIFIED WITHIN 30 DAYS OF BID DATE OR QUOTE WILL BE NULL & VOID.**
4. EACH ADDITIONAL MOVE/MOBILIZATION IS BASED ON LMN STANDARD RATES (SEE PAGE 2).
5. ADDITIONAL SHIFTS TO BE CHARGED AT LMN STANDARD RATES (SEE PAGE 2).
6. BACK CHARGES NOT PERMITTED FOR TRUCKING OR MILLING WITHOUT SAME DAY APPROVAL.
7. ALL WORK TO BE PERFORMED UNDER THE CUSTOMERS SUPERVISION.

EXCLUSIONS (PERTAINING TO OIL SUPPLYING/TRUCKING/COLD MILLING):

1. QCQA, ARHM, TESTING, ENGINEERING, PERMITS, BONDS, FEES, INSPECTION FEES, SWPPP, LAYOUT, SURVEY.
2. SKIP WORK, SWEEPING, DETAIL, MINI GRINDER UNLESS NOTATED UNDER INCLUSIONS.
3. HANDWORK/DETAIL WORK UNLESS NOTATED UNDER INCLUSIONS.
4. TRAFFIC CONTROL LABOR, TRAFFIC CONTROL PLANS, SIGNS & CMS BOARD UNLESS NOTATED UNDER INCLUSIONS.
5. IMPORT & EXPORT, SUBGRADE REMOVAL & COMPACTION, SUBGRADE PREP, GRADING, FINE GRADING, DEWATERING, PETRO-MAT, CLAY, MACADAM, AND ANY UNFORSEEN CIRCUMSTANCES OR CONDITIONS. UNLESS NOTATED UNDER INCLUSIONS.
6. PROTECTION OF EXST. UTILITIES, UTILITY ADJUSTMENTS UNLESS NOTATED UNDER INCLUSIONS.
7. STRIPING AND SIGNAGE, SEAL COAT, SLURRY, PRIME COAT, WEEDKILL. UNLESS NOTATED UNDER INCLUSIONS.

**Customer Name | Signature | Date:** \_\_\_\_\_

**LMS & LMN Name | Signature | Date:** \_\_\_\_\_



**LMS TRANSPORT**  
**CA # 434396**  
 © 800-698-6886

**OFFICE: 951-616-3828**

**FAX: 951-685-1862**

**Email: [orders@lms-transport.com](mailto:orders@lms-transport.com) or  
[orders@lmncoldmilling.com](mailto:orders@lmncoldmilling.com)**

**2751 Avalon St, Jurupa Valley, Ca 92509**

**UDBE # 38327 | SBE# 1770011**



**UDBE # 40561 | SBE# 1795213**

**Standard Rental Rates for 2016 – LMN INCORPORATED “A COLD MILLING CO.” & LMS TRANSPORT**

<b>EQUIPMENT&amp;(OWNED)</b>	<b>HRLY RATE</b>	<b>NOTES:</b>
Mini Grinder Skidster (1)	\$850 (1st 4 Hrs) & \$175 per Hr after	Mobe charge included in 4 hr min.
Mini Grinder w/ Berm Attachment	\$950 (1 <sup>st</sup> 4 Hrs) & \$195 per Hr after	Hard to reach places i.e. under guard rails.
40"/4' (2) Cold Mill	\$2,100 (1st 4 Hrs) & \$300 (40") or \$2,200 (1 <sup>st</sup> 4 Hrs) & \$350 (4') after	Mobe charge included in 4 hr min.
Super Tens (2)	\$88 per Hr (4 Hr min)	\$100 per hour outside of 100 mile radius of Ontario, CA
Strong Arms (1)	\$95 per Hr (4 Hr min)	\$110 per Hr outside of 100 mile radius of Ontario, CA
RGN or Lowboys (2) (equip. transport)	\$135 per Hr portal to portal	Slide Axles and RGN trailers up to 50 ton.
Flatbeds (K-Rail etc.) (6 Tractors)	\$95 per hr portal to portal	\$110 Hr outside 100 mile radius   1 Hr Stand By Only
Oil Tankers (5)	\$100 per Hr portal to portal or Per Ton (request rate sheet)	4 Hr min   1 Hr Stand By Only
Dry Van Tractors (6 Tractors)	\$95 per hr portal to portal	\$120 per hr outside 100 mile radius



**LMS TRANSPORT**  
**CA # 434396**  
© 800-698-6886

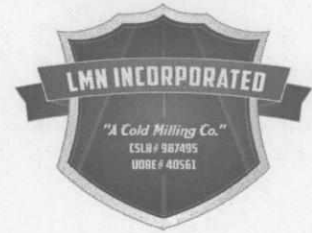
**OFFICE: 951-616-3828**

**FAX: 951-685-1862**

**Email: [orders@lms-transport.com](mailto:orders@lms-transport.com) or  
[orders@lmncoldmilling.com](mailto:orders@lmncoldmilling.com)**

**2751 Avalon St, Jurupa Valley, Ca 92509**

**UDBE # 38327 | SBE# 1770011**



**UDBE # 40561 | SBE# 1795213**

**This proposal is subject to all Terms and Conditions below.**

**TERMS AND CONDITIONS OF CONTRACT:**

In this agreement Sublet means LMS Transport (LMS) & LMN Incorporated (LMN). Owner means owner and/or any general contractor (customer) and/or agent or owner. This is a proposal per owner's request, not a complete property evaluation.

1. Standard Exclusions: Engineering, Soils Test, Permits, Compaction Test and/or Inspection Fees unless noted.
2. Prices are firm for thirty (30) days from the date of the proposal unless otherwise stated.
3. Owner agrees to indemnify Sublet from any claim or suit for bodily injury or property damage arising from the design construction or installation of speed bumps or wheel stops.
4. Any changes required by owner shall be authorized in writing and paid by owner at Sublet prevailing rates unless quoted and agreed upon in writing.
5. Owner agrees to furnish to jobsite necessary and adequate water supply at owner's expense.
6. Sublet assumes no liability for damage to underground pipes, septic tanks, cesspools or other underground structures; and any extra expense caused by the Sublet by the existence or location thereof shall be charged to buyer.
7. Owner agrees to pay attorney's and court costs in event suit is instituted to collect amounts due Sublet.
8. If work is performed according to owner's specifications of labor and materials, Sublet does not assume responsibility for the defects.
9. If work is to be performed by Sublet to provide labor and material in a workmanlike manner to accomplish the owner's purposes, Sublet agrees to repair or replace any defects of which owner gives notice to Sublet within 5 days after completion of work.
10. Delays or damage caused by building trades other than Sublet not employed by Sublet, shall be owner's responsibility.
11. Sublet shall be responsible for clean-up and removal of Sublet work and materials only.
12. If asphalt compaction tests are required by customer or agency, these must be performed while asphalt is being laid. Tests performed at a later date are not an acceptable method, and we assume no responsibility for those results.
13. Sublet is not responsible for proper drainage.
14. Grades are to be furnished plus and minus one tenth (.10) of a foot with dirt to balance.
15. Jobsite must be accessible to heavy equipment.
16. Workers compensation will be covered by the Owner for the Sublet employees for this project only.





**LMS TRANSPORT**  
**CA # 434396**  
 800-698-6886

**OFFICE: 951-616-3828**

**FAX: 951-685-1862**

**Email: [orders@lms-transport.com](mailto:orders@lms-transport.com) or  
[orders@lmncoldmilling.com](mailto:orders@lmncoldmilling.com)**

**2751 Avalon St, Jurupa Valley, Ca 92509**

**UDBE # 38327 | SBE# 1770011**



**UDBE # 40561 | SBE# 1795213**

17. Owner agrees to pay sublet, in full, based on the net terms under Inclusions on page 1. If an invoice is not paid within the term, a 3% fee will be assessed to the total, compound monthly. After 30 days, a 5% fee will be assessed to the total, compounded monthly. Signing this contract is the Owners recognition and approval to pay all invoices, in full, within the term.

18. LMS & LMN or Sublet has not notified any underground alert service. All work performed by Sublet for Owner is done with the express understanding that Owner has complied with and accepts all responsibilities and liabilities in and for the requirements of the regional notification center law pursuant to Article 2 (commencing with Section 4216) of Chapter 3.1 of Division 5 of Title 1 of the Government code.

19. ADDITIONAL SHIFTS TO BE CHARGED AT OUR STANDARD RATES ON PAGE 2. The number of shift approved for this quote will be identified under "Inclusions".

NOTICE IS HEREBY GIVEN THAT WORK AND MATERIAL FURNISHED BY Sublet MAY SUBJECT THE PROPERTY ON WHICH SAID WORK IS PERFORMED TO THE LIEN LAWS OF THE STATE OF CALIFORNIA PURSUANT TO SECTION 1193 OF THE CODE OF CIVIL

PROCEDURE OF SAID STATE. CUSTOMER ACKNOWLEDGES THAT HE HAS RECEIVED A LEGIBLE COPY OF THIS PAGE PROPOSAL.

We hereby confirm our acceptance to the terms within this agreement.

**Signature:** \_\_\_\_\_

**Company:** \_\_\_\_\_

**Title:** Chief Estimator or Company Principal

**Name:** \_\_\_\_\_

=====

We hereby confirm our acceptance to the terms within this agreement.

**Signature:** \_\_\_\_\_

**Company:** LMS Transport & LMN Incorporated

**Title:** President of LMS

**Name:** Anthony Steen

Caltrans  
05-4482U4

Component	Oil	Liquid Price	Tax	Haul	Net	Liquid Tons Needed	Ton x Price	Allowable Amount	Total
Oil Rubber	PG 64-10	\$ 278.00	22.24		300.24	1,095	\$ 328,762.80	60%	197,257.68
Oil Haul			0%	\$31.00		1,095	\$ 33,945.00	60%	\$ 20,367.00
Tax			8.0%				\$ 362,707.80		217,624.68 Available DBE \$

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION  
**DBE CONFIRMATION**  
 DES-OE-0102.13 (NEW 05/2015)

Contract no.: 05-4482U4

Name of DBE business: LMS Transport

Name of DBE representative: Ashley Hutzpatrick

DBE certification number: 38327

Name of bidder: Rasmussen/Myers and Sons

Name of prime contractor if different from the bidder: \_\_\_\_\_

Name of representative of bidder or prime contractor: Eric Landegger, Chief Estimator

Date: 4/28/2016

Bid Item number	Item of work and description of services to be subcontracted or materials to be provided <sup>1</sup>	Amount (\$)
114	Asphalt Oil Supplier & Hauler	\$362,707.80
	(2nd tier Material Supplier to Vulcan Materials)	X 60%
	DBE Amount:	\$217,624.68

<sup>1</sup>If 100% of an item is not to be performed or furnished by the DBE, describe the exact portion of the item to be performed or furnished.

Total	\$362,707.80
-------	--------------

As an authorized representative of a certified disadvantaged business enterprise, I confirm that my business was contacted by the bidder or prime contractor shown above regarding the contract shown above. If the bidder is awarded the contract, my business will enter into a contractual agreement with the bidder or prime contractor to perform the type and dollar amount of work shown on the DBE Commitment form.

I certify under penalty of perjury that the foregoing is true and correct.

Ashley Hutzpatrick  
 Signature of DBE's authorized representative

Ashley Hutzpatrick  
 Printed name of DBE's authorized representative

Admin  
 Title of DBE's authorized representative

4/29/16  
 Date

**ADA Notice** For individuals with sensory disabilities, this document is available in alternate format. For alternate format information, contact the Forms Management Unit at (916) 445-1233, TTY 711, or write to Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814

Sam's Equipment & Supplies  
P.O. Box 7797  
Fresno, California 93747-7797  
Phone (559) 252-0354

Fax (559) 251-1119

S.B./D.V.B.E./D.B.E./U.D.B.E./M.B.E./S.D.V.O.S.B.C.



MTC  
PA 06 \$ 324,656<sup>00</sup>

Date	Quote #
4/26/2016	2004670

**Project**

05-4482U4  
CAL TRANS PROJECT  
BID DATE 4-26-2016

*Quote #*

Line item #	Qty	Description	Unit	Cost	Total
12 13	73,100 610	KRAIL( 20FT JOINTS) FRIEGHT CHARGES 120lf per load  COD TERMS UNLESS ACCOUNT IS SET UP CONDITIONS: THIS IS NOT A CONTRACT.PRICES QUOTED ARE CURRENT. PRICES SUBJECT TO APPLICABLE SALES TAX,PRIOR SALES , AND / OR CHANGE WITHOUT NOTICE. PRICES QUOTED EXPIRE IN 30 DAYS AFTER BID OPENING FOR ACCEPTANCE. BID PRICES ARE FIRM FOR UP TO 120 DAYS TO TAKE DELIVERY. AGREEMENTS ARE CONTINGENT UPON STRIKES,ACCIDENTS AND OTHER CONDITIONS BEYOND OUR CONTROL.	If 28 2432 load incl tax \$41723 / LF freight \$324656 / LF TOTAL	26.1975 500.00 0.00	1,915,037.25T 305,000.00 0.00T

GABE CALLISON 559-252-0354

**Subtotal**

**Sales Tax (8.0%)**

**Total**

Quoted by



Sam's Equipment & Supplies  
P.O. Box 7797  
Fresno, California 93747-7797  
Phone (559) 252-0354  
Fax (559) 251-1119  
S.B./D.V.B.E./D.B.E./U.D.B.E./M.B.E./S.D.V.O.S.B.C.

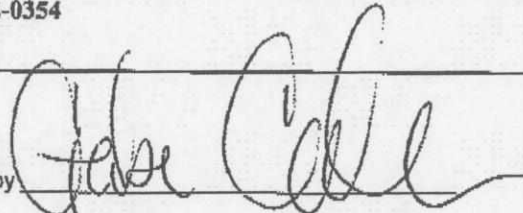


Date	Quote #
4/26/2016	2004670

Project
05-4482U4 CAL TRANS PROJECT BID DATE 4-26-2016

Line item #	Qty	Description	Unit	Cost	Total
		<b>PRICE QUOTE ARE FIRM 30 DAYS  SHIPPED IN FULL TRUCK LOAD  QUANTITIES.  UNLOADING IS BY OTHERS  QUOTATION IS FOR SUPPLY ONLY.  THE ABOVE QUANTITY IS  ESTIMATED ONLY.  INSTALLATION IS BY OTHERS.  ADDITIONAL FREIGHT CHARGES  MAY APPLY ON PARTIAL  SHIPMENTS AND SUPPLEMENTAL  ORDERS.  IT IS THE CUSTOMER'S  RESPONSIBILITY TO VERIFY THAT  MATERIALS AND QUANTITIES MEET  PLANS AND SPECIFICATIONS.</b>		0.00	0.00T

GABE CALLISON 559-252-0354

Quoted by 

<b>Subtotal</b>	\$2,220,037.25
<b>Sales Tax (8.0%)</b>	\$153,202.98
<b>Total</b>	\$2,373,240.23

[Back To Query Form](#)**Search Returned 1 Records**

Thu Apr 28 14:14:33 PDT 2016

**Query Criteria**

Firm ID: 34479

Firm Type: DBE

Firm ID	34479
Firm/DBA Name	SAM'S EQUIPMENT & SUPPLIES
Address Line1	5656 COLUMBIA DR S.
Address Line2	
City	FRESNO
State	CA
Zip Code1	93727
Zip Code2	
Mailing Address Line1	P.O. BOX 7797
Mailing Address Line2	
Mailing City	FRESNO
Mailing State	CA
Mailing Zip Code1	93747
Mailing Zip Code2	
Certification Type	DBE
EMail	samsequipment@comcast.net, dasian@comcast.net
Contact Name	SAMUEL CALLISON
Area Code	( 559 )
Phone Number	251-1206
Alt Area Code	( )
Alt Phone Number	
Fax Area Code	( 559 )
Fax Phone Number	251-1119
Agency Name	CITY OF FRESNO
Counties	00;
Districts	00;
DBE NAICS	423390; 423610; 423990;

**ACDBE NAICS****Work Codes**

C0620 LANDSCAPING & NURSERY SUPPLIER; C0670 PIPE SUPPLIER; C0683 GUARD RAILINGS & BARRIERS SUPPLIER; C0686 ELECTRICAL & SIGNALS SUPPLIER; F5090 MISC DURABLE GOODS; I7380 MISC BUSINESS SERVICES;

**Licenses****Trucks****Gender**

M

**Ethnicity**

NATIVE AMERICAN

**Firm Type**

DBE

[Back To Query Form](#)

[Back To Query Form](#)**Search Returned 1 Records**

Thu Apr 28 14:14:33 PDT 2016

**Query Criteria**

Firm ID: 34479

Firm Type: DBE

<b>Firm ID</b>	34479
<b>Firm/DBA Name</b>	SAM'S EQUIPMENT & SUPPLIES
<b>Address Line1</b>	5656 COLUMBIA DR S.
<b>Address Line2</b>	
<b>City</b>	FRESNO
<b>State</b>	CA
<b>Zip Code1</b>	93727
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	P.O. BOX 7797
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	FRESNO
<b>Mailing State</b>	CA
<b>Mailing Zip Code1</b>	93747
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>EMail</b>	samsequipment@comcast.net, dasian@comcast.net
<b>Contact Name</b>	SAMUEL CALLISON
<b>Area Code</b>	( 559 )
<b>Phone Number</b>	251-1206
<b>Alt Area Code</b>	( )
<b>Alt Phone Number</b>	
<b>Fax Area Code</b>	( 559 )
<b>Fax Phone Number</b>	251-1119
<b>Agency Name</b>	CITY OF FRESNO
<b>Counties</b>	00;
<b>Districts</b>	00;
<b>DBE NAICS</b>	423390; 423610; 423990;

**ACDBE NAICS****Work Codes**

C0620 LANDSCAPING &amp; NURSERY SUPPLIER; C0670 PIPE SUPPLIER; C0683 GUARD RAILINGS &amp; BARRIERS SUPPLIER; C0686 ELECTRICAL &amp; SIGNALS SUPPLIER; F5090 MISC DURABLE GOODS; I7380 MISC BUSINESS SERVICES;

**Licenses****Trucks****Gender**

M

**Ethnicity**

NATIVE AMERICAN

**Firm Type**

DBE

[Back To Query Form](#)

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**DBE CONFIRMATION**  
DES-0E-0102.13 (NEW 05/2015)

Contract no.: 05-4482U4  
Name of DBE business: Sam's Equipment & Supplies  
Name of DBE representative: Gabe Callison  
DBE certification number: 34479  
Name of bidder: Rasmussen/Myers and Sons  
Name of prime contractor if different from the bidder: \_\_\_\_\_  
Name of representative of bidder or prime contractor: Eric Landegger, Chief Estimator  
Date: 4/28/2016

Bid item number	Item of work and description of services to be subcontracted or materials to be provided <sup>1</sup>	Amount (\$)
13	Temporary Railing (Type K) Supplier	\$324,656.66
		X 60%
	DBE Amount:	\$194,794.00

<sup>1</sup> If 100% of an item is not to be performed or furnished by the DBE, describe the exact portion of the item to be performed or furnished.

Total	\$324,656.66
-------	--------------

As an authorized representative of a certified disadvantaged business enterprise, I confirm that my business was contacted by the bidder or prime contractor shown above regarding the contract shown above. If the bidder is awarded the contract, my business will enter into a contractual agreement with the bidder or prime contractor to perform the type and dollar amount of work shown on the DBE Commitment form.

I certify under penalty of perjury that the foregoing is true and correct.

Gabe Callison  
Signature of DBE's authorized representative:  
GABE CALLISON  
Printed name of DBE's authorized representative:  
ESTIMATOR  
Title of DBE's authorized representative:  
5-2-2016  
Date:

ADA Notice For individuals with sensory disabilities, this document is available in alternate formats. For alternate format information, contact the Forms Management Unit at (916) 445-1233, TTY 711, or write to Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.



**Eric Landegger**

---

**From:** Tim Herrera <therrera@taftelectric.com>  
**Sent:** Thursday, April 28, 2016 8:39 AM  
**To:** Eric Landegger  
**Cc:** Tim Herrera  
**Subject:** 76011 -- 05-4482U4 (CARPENTERIA) - 04-28-16 DBE REQUIREMENTS FOR MATERIAL (C.A.RASMUSSEN).pdf  
**Attachments:** 04-28-16 DBE REQUIREMENTS FOR MATERIAL (C.A.RASMUSSEN).pdf

TAFT DBE  
FOR MATERIALS

---

612,796<sup>72</sup>

x 60 !

---

367,677 ✓

*Sincerely,*

*Tim Herrera*

*Traffic Division Estimator*

**Direct Phone (805) 654-7972**

**Office Fax Machine (805) 654-7972**

**1694 Eastman Avenue Ventura, CA 930**

**Email: [therrera@taftelectric.com](mailto:therrera@taftelectric.com)**



## PRICING SHEET

ESTIMATE NO. 76011

JOB NO. 05-448244 APRIL 27TH 2016 2PM

SHEET NO. \_\_\_\_\_

WORK VENDOR MATERIAL (S)

OF \_\_\_\_\_ SHEETS

IATED BY Jim Mc MAILED BY TAFT EXHIBIT COMPANY EXTENDED BY COMPANY CHECKED BY

DATE 04/28/2016

MATERIAL	QUANTITY	MATERIAL LIST PRICE	PER	DISC	EXTENSION	LABOR UNIT PR.	PER	EXTENSION
BEGA LIGHTING	1				109,855-			
ITERIS	1				13,660-			
SAF-T-CO / BL WALLACE	1				247,327-			
MECAIN TRAFFIC					201,192-			
				S/T	\$ 572,034-			
				TAX	8% 45,762.72			
JTB MATERIAL CUT				S/T	\$ 617,796.72			
					\$ < 5000.00 >			
	X 60%	=			\$ 612,796.72			
					\$ 367,577.00			
MATERIAL MARK UP	4%	=			\$ 14,707.08			
JAY TAX	8%				11,765.1			
NET VALUE					\$ 383,560.65			

Jim Hannon



DEPARTMENT OF VETERANS AFFAIRS  
Center for Verification and Evaluation  
Washington, DC 20420

SEP 04 2014

In Reply Refer To: 00VE

Mr. Eugene Hale  
G&C Equipment Corp.  
DUNS: 001848266  
1875 W. Redondo Beach Blvd. Suite 102  
Gardena, CA 90249

PHONE # 310-515-6715

Dear Mr. Hale:

On behalf of the U.S. Department of Veterans Affairs (VA), Center for Verification and Evaluation (CVE), I am writing to inform you that G&C Equipment Corp. has been verified as a service-disabled Veteran-owned small business (SDVOSB) and added to the Veteran business database at [www.vip.vetbiz.gov](http://www.vip.vetbiz.gov). G&C Equipment Corp. will be eligible to participate in Veterans First Contracting Program opportunities with VA. **This verification is valid for two years from the date of this letter.**

To promote G&C Equipment Corp.'s verified status, you may use the following link to download the logo for use on marketing materials and business cards:

[http://www.vetbiz.gov/cve\\_completed\\_s.jpg](http://www.vetbiz.gov/cve_completed_s.jpg)

To ensure that G&C Equipment Corp. is correctly listed in the Vendor Information Pages, check G&C Equipment Corp.'s profile for the verified logo. Please notify us if the logo is not present within 72 hours of receipt of this letter.

While CVE has confirmed that G&C Equipment Corp. is in compliance with the regulation, G&C Equipment Corp. must inform CVE of any changes or other circumstances that would adversely affect its eligibility. Eligibility changes not reported to CVE within 60 days could result in a referral to the Office of Inspector General (OIG), a referral to the Debarment and Suspension Committee, and the initiation of cancellation proceedings—all of which could result in G&C Equipment Corp. being removed from the VIP Verification Program.

Please be advised that this letter and other information pertaining to G&C Equipment Corp.'s verification application may be subject to Freedom of Information Act (FOIA) requests. In addition, all companies approved for the program may be required to participate in one or more post-verification audits. Please retain a copy of this letter to confirm G&C Equipment Corp.'s continued program eligibility.

At any time if G&C Equipment Corp. discovers one or more NAICS Code(s) that are other than small on its CVE VIP profile, CVE will require all other than small NAICS Codes to be removed within five (5) business days. If these NAICS Codes are not removed within the allotted five (5) business days, CVE may request the U.S. Small Business



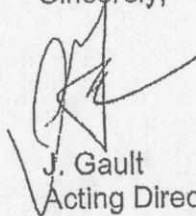
Page 2.

Mr. Eugene Hale

Administration (SBA) to conduct a formal size determination. In addition, CVE may initiate a referral to OIG, Debarment and Suspension Committee and or pursue cancellation proceedings. All of the aforementioned referrals and procedures could result in G&C Equipment Corp. being removed from the VIP Verification Program.

Thank you for your service to our country and for continuing to serve America through small business ownership.

Sincerely,

A handwritten signature in black ink, appearing to be 'J. Gault', written over a printed name and title.

J. Gault  
Acting Director



Los Angeles County  
Metropolitan Transportation Authority

One Gateway Plaza  
Los Angeles, CA 90012-2952

213.922.2000 Tel  
metro.net

# Metro

## CALIFORNIA UNIFIED CERTIFICATION PROGRAM



December 10, 2013

CUCP #820  
Metro File # 207

Gene Hale  
G & C Equipment Corp.  
P.O. Box 5419  
Gardena, CA 90249

**RE: Disadvantaged Business Enterprise Certification**

Dear Mr. Hale:

We are pleased to advise you that after careful review of your application and supporting documentation, the Los Angeles County Metropolitan Transportation Authority (Metro) has determined that your firm meets the eligibility standards to be certified as a Disadvantaged Business Enterprise (DBE) as required under the U.S. Department of Transportation (U.S. DOT) Regulation 49 CFR Part 26, as amended. This certification will be recognized by all of the U.S. DOT recipients in California. Your firm will be listed in the California Unified Certification Program (CUCP) database of certified DBEs under the following specific areas of expertise that you have identified on the NAICS codes form of the application package:

NAICS (2007)	Description
423610	Electrical Apparatus and Equipment, Wiring, Supplies, and Related Equipment Merchant Wholesalers
423720	Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers
423730	Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers
423510	Metal Service Centers and Other Metal Merchant Wholesalers
423320	Brick, Stone and Related Construction Merchant Wholesalers

Your DBE certification applies only for the above codes. You may review your firm's information in the CUCP DBE database which can be accessed at the CUCP's website at [www.californiaucp.org](http://www.californiaucp.org). Any additions and revisions must be submitted to Metro for review and approval.

In order to ensure your continued DBE status, you are required to submit an annual No Change Declaration Form (which will be sent to you) along with supporting documentation. If no changes are noted, then your DBE status remains current. If there are changes, Metro will review to determine continued DBE eligibility. Please note, your DBE status remains in effect unless Metro notifies you otherwise.

Should any changes occur that could affect your certification status prior to receipt of the No Change Declaration Form, such as changes in your firm's name, business/mailing address, ownership, management or control, or failure to meet the applicable business size standards or personal net worth standard, please notify Metro immediately. Failure to submit forms and/or change of information will be deemed a failure to cooperate under Section 26.109 of the Regulations.

Metro reserves the right to withdraw this certification if at any time it is determined that it was knowingly obtained by false, misleading, or incorrect information. Your DBE certification is subject to review at any time. The firm thereby consents to the examination of its books, records and documents by Metro.

C:\Users\jwoops\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\62P1OOCJ\G & C Equipment Corp.doc

Congratulations, and thank you for your interest in the DBE program. Should you have any questions, please contact us at 213-922-2600. For information on Metro contracting opportunities, please visit our website at [www.metro.net](http://www.metro.net).

Sincerely,



Tina Giles-Potter  
Certification Consultant – SBEUS  
Diversity & Economic Opportunity Department



JIM JONES  
Director

County of Los Angeles  
**INTERNAL SERVICES DEPARTMENT**

1100 North Eastern Avenue  
Los Angeles, California 90063

Telephone: (877)669-CBES  
FAX: (323) 415-8521

*"To enrich lives through effective and caring service"*

August 26, 2014

CBE Program ID #: 1683  
Status: DBE

Mr. Gene Hale, President  
G & C Equipment Corporation  
PO Box 5419  
Gardena, CA 90249

Dear Mr. Hale:

Congratulations! Your firm has been accepted for participation in the County of Los Angeles Community Business Enterprise (CBE) Program as a Disadvantaged Business Enterprise (DBE).

Although the County does not certify DBEs, as a DBE participant the CBE program recognizes your business for participation in certain federal programs. You will also be included in the County's database of Minority, and/or Women, Disadvantaged, and Disabled Veteran Business Enterprises. This will ensure you are notified of opportunities for participation in these federal programs.

Your participation is valid thru August 26, 2016. If there are any changes in ownership and control of your firm during this participation period, please notify this office immediately. In addition, you must submit proof of recertification by authorized governmental certifying agency prior to expiration date to maintain your participation status.

Thank you for registering your business with the County's Vendor Registration website (WebVen) at <http://camisvr.co.la.ca.us/webven>. You are now eligible to participate in the County's on-line access to open bids, be placed on bid lists generated by County departments looking for prospective vendors and periodically be notified automatically via email of County bids by specific commodities/services.

Again, congratulations on your DBE participation in the County's CBE program. If you have any questions, please call (877) 669-CBES (2237) and refer to the identification number above.

Sincerely,

JIM JONES  
Director

Debbie Cabreira-Johnson  
Program Director

JJ:DCJ/ct

c: Cynthia Tucker, CBE/LSBE Certification Specialist





JIM JONES  
Director

County of Los Angeles  
INTERNAL SERVICES DEPARTMENT

1100 North Eastern Avenue  
Los Angeles, California 90063

*"To enrich lives through effective and caring service"*

Telephone: (877) 669-CBES  
FAX: (323) 415-8521

August 26, 2014

CBE Program ID #: 1683  
Status: MBE

Mr. Gene Hale, President  
G & C Equipment Corporation  
PO Box 5419  
Gardena, CA 90249

Dear Mr. Hale:

Congratulations! Your firm has been recertified as an eligible participant in the County of Los Angeles Community Business Enterprise (CBE) Program. This recertification is valid until November 10, 2016.

The County of Los Angeles Office of Small Business reserves the right to request additional information and/or conduct an on-site visit at any time to verify any documentation submitted by the applicant. If there are any changes during this recertification period, you are required to notify this office immediately.

Thank you for registering your business with the County's Vendor Registration website (WebVen) at <http://camisvr.co.la.ca.us/webven>. You are now eligible to participate in the County's on-line access to open bids, be placed on bid lists generated by County departments looking for prospective vendors and periodically be notified automatically via email of County bids by specific commodities/services.

Again, congratulations on your recertification. If you have questions, please call (877) 669-CBES or email us at [cbesbe@isd.lacounty.gov](mailto:cbesbe@isd.lacounty.gov) and refer to the identification number above.

Sincerely,

JIM JONES  
Director

Debbie Cabreira-Johnson  
Program Director

JJ:DCJ/ct

c: Cynthia Tucker, CBE/LSBE Certification Specialist



**Metro**

Los Angeles County  
Metropolitan Transportation Authority

One Gateway Plaza  
Los Angeles, CA 90012-2952

213.922.2000 Tel  
metro.net

December 10, 2013

**Metro File # 207**

Gene Hale  
**G & C equipment Corp.**  
P.O. Box 5419  
Gardena, CA 90249

**Re: Small Business Enterprise Certification**

Dear Mr. Hale:

We are pleased to advise you that after careful review of your application and supporting documentation, the Los Angeles County Metropolitan Transportation Authority (Metro) has determined that your firm meets the eligibility standards to be certified as a Small Business Enterprise (SBE) as required under Metro's SBE Program. Your firm will be listed in Metro's SBE database of certified SBEs under the following specific areas of expertise:

NAICS (2007)	Description
423610	Electrical Apparatus & Equipment, Wiring, Supplies and Related Equipment Merchant Wholesalers
423720	Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers
423730	Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers
423510	Metal Service Centers and Other Metal Merchant Wholesalers
423320	Brick, Stone and Related construction Material Merchant Wholesalers

Your SBE certification is good for five years from the date of this letter and applies only for the above NAICS 2007 codes. Any additions and revisions must be submitted to Metro for review and approval.

After the five-year certification period, your entire file will be reviewed in order to ascertain continued SBE certification status. You will be notified of the pending SBE status review and any documentation updates necessary prior to the expiration date.

Also, should any changes occur that could affect your certification status prior to receipt of the renewal application, such as changes in your firm's name, business/mailing address, ownership, management or control, or failure to meet the applicable business size standards or personal net worth standard, please notify Metro immediately.

Metro reserves the right to withdraw this certification if at any time it is determined that it was knowingly obtained by false, misleading, or incorrect information. Your SBE certification is subject to review at any time. The firm thereby consents to the examination of its books, records, and documents by Metro.

Congratulations, and thank you for your interest in Metro's SBE Program. Should you have any questions, please contact us at **213-922-2600**. For information on Metro contracting opportunities, please visit our website at [www.metro.net](http://www.metro.net).

Sincerely,

Tina Giles-Potter  
Certification Consultant, SBEUS

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*Small Business Certification Unit*  
One Gateway Plaza, Mail Stop 99-8-4, Los Angeles, CA 90012-2952  
Ph: 213-922-2600 Fax: 213-922-7660

151672

*Thank You for your business!*





Iteris, Inc.  
1700 Carnegie Avenue  
Suite 100  
Santa Ana, CA 92705-5551

Michael Girardot  
RodefX  
Phone: 909-626-0545 Fax: (909) 626-0725  
Email: [rodefx@verizon.net](mailto:rodefx@verizon.net)

## EQUIPMENT QUOTATION

Quote #00003032

April 18, 2016

Contractor	Agency: Caltrans District - 05	Delivery Term: FOB Shipping Point
	Contractor:	Payment Terms: NET 30 Days
	Project Name: 2016041810 District 5 05-04482U4 Linden Ave @ Ogan Rd	
	Reference: District 5 05-04482U4 Linden Ave @ Ogan Rd	

Fax or email Purchase Orders to: 949-270-9441 or [rsorders@iteris.com](mailto:rsorders@iteris.com). Please include Quote Number on your Purchase Order. Prices are valid for 30 days from the date of quote unless extended in writing. Prices on this quote include material only unless otherwise stated. For questions regarding this quotation, please contact the representative listed above.

Linden Ave @ Ogan Rd				
Product Name	Product Description	Qty	Unit Price	Ext. Price
CAM-RZ4A-WDR	Iteris Vantage Color Camera Assembly - Model CAM-RZ4A - WDR Imager, 115VAC, NTSC w/ EDCO RMCX1.05 - Video Coax Suppression (Connectorless Termination)	3		
CAMBRKT4	Iteris Universal Mount Camera Bracket (Standard Mount)	2		
EDGE2-1N-PAK	Vantage Edge2 Processor with SmartCycle technology - 1 Camera Input, 12/24VDC (Includes EDGE2KIT1) w/ Intersection Software	3		
EDGE2EM2-PAK	Vantage Edge2 Extension Module - 2 Channel, 24VDC, Includes RJ45 EMCABLE)	1		
EDGECONNECT-PAK	Iteris Vantage EdgeConnect, IP addressable Ethernet module (Includes EM Cables, Ethernet Patch Cable, Multi-Video Cable, Ethernet Crossover Cable, Null Modem Serial Cable, USB Mouse, Software, & Manual)	1		
MON-17IN	17in. LCD Color Monitor, w/ Drawer, (1U rack mount drawer w/ integrated fold down monitor)	1		
PELCO0175	Pelco Signal Mast Arm Camera Bracket Extension- (Pelco P/N: AB-0175-5-96-ALO)	1		
SURGEPAN	Power & Video Surge Protection Panel w/ mounting for up to 4 Suppressors (Din Rail Configuration)	1		
TURN ON SUPPORT	Turn on requests outside of normal business hours M-F 8:00am-5:00pm will require a \$1,200.00 additional charge.	1		

*Handwritten:* \$13660  
**\$15,660.00**

### Important Notes:

This quotation and any resulting order are subject to Iteris' Roadway Sensor Products Standard Terms and Conditions of Sale attached hereto or available at <http://www.iteris.com/RS-Std-TC.pdf>, which are incorporated herein by this reference.

RodefX is an authorized Iteris Sales Representative for Iteris Roadway Sensors products and may sign quotations on Iteris' behalf with a total sales price of \$80,000 or less. Quotations that exceed \$80,000 in total price must be approved by an Authorized Iteris Signature.

SUBTOTAL	\$15,660.00
FREIGHT	
TAX	\$1,252.80
TOTAL:	\$16,912.80





Iteris, Inc.  
1700 Carnegie Avenue  
Suite 100  
Santa Ana, CA 92705-5551

Michael Girardot  
RodefX  
Phone: 909-626-0545 Fax: (909) 626-0725  
Email: [rodefx@verizon.net](mailto:rodefx@verizon.net)

## EQUIPMENT QUOTATION

Quote #00003032

April 18, 2016

A handwritten signature in black ink, appearing to read "Michael Girardot".

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Authorized Iteris Signature

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Date

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Michael Girardot, RodefX

**Iteris Roadway Sensor Products**  
**Standard Terms and Conditions of Sale**



**1. Sole Agreement.** These Standard Terms and Conditions of Sale for the sale and purchase of goods and services between Iteris, Inc. ("Iteris") and the purchaser or buyer ("Purchaser") indicated on the face of the price quotation, proposal, contract, sales order or offer from Iteris constitute the entire agreement between Iteris and Purchaser (the "Agreement") and supersede any prior agreement or understanding, whether oral or written, relating to the subject matter of this Agreement. Iteris shall not be bound by any terms or conditions not set forth in this Agreement, including but not limited to, any purchase order or purchase contract ("Order") from Purchaser that is in any way inconsistent with or in addition to this Agreement. This Agreement may not be expanded or modified except by an instrument in writing executed by an authorized representative of Iteris. Iteris' acceptance of Purchaser's Order shall not be deemed an acceptance of any modification to any term or condition contained herein, but rather an acceptance of Purchaser's agreement to purchase goods and services upon the terms set forth in this Agreement. All Orders, whether or not based on specific quotations, are subject to Iteris' acceptance by an authorized Iteris representative.

**2. Shipment.** All prices are in United States Dollars (USD or \$) and quoted FCA (Free Carrier at named point, Incoterms® 2010), or in jurisdictions that have not adopted Incoterms®, FOB at the shipping point of Iteris, Inc. Title to goods sold hereunder (individually, a "Product" and collectively, "Products") shall pass to the Purchaser upon delivery of Products to the carrier. Iteris, however, retains a security interest and a vendor's lien against the Products until payment in full is received. Purchaser agrees to perfect and maintain such security interest for Iteris. In the absence of specific written instructions that Iteris has accepted, Iteris will ship Products by what it deems to be the most appropriate method for shipment. Although Iteris may transact for carriage, all freight charges and insurance premiums will be for the account of Purchaser. Upon delivery to the carrier, Purchaser assumes all risk of loss. Any such loss shall not relieve Purchaser of its obligation to pay Iteris in full for Products, freight and insurance. Purchaser shall have the right to negotiate with the carrier and/or insurer to recoup its loss.

**3. Delivery.** Standard shipments to Purchaser will be approximately 30-45 days after receipt of an Order. In the event that Purchaser requests a guaranteed ship date, Iteris reserves the right, after notice to Purchaser, to include in the final purchase price any expenses which increase the cost of production or delivery, including but not limited to, expediting and overtime expenses, parts procurement premiums, etc. Iteris reserves the right to ship complete orders in advance of the ship dates specified and, with prior approval from Purchaser, partial orders. Iteris shall not be liable for either delays in delivery or the failure to manufacture if such delay or failure is due to causes beyond Iteris' reasonable control, including but not limited to, acts of God, acts or omissions of either Purchaser or third parties, intervention of any government authority, strikes, lockouts or other labor disturbances, floods, fires, earthquakes, epidemics, quarantines, riots, wars, delays in transportation, or where Iteris is unable to obtain necessary labor, materials or manufacturing facilities. In the event of such delay or failure, the delivery date shall be extended for a period equal to the time lost by reason of the delay or failure.

**4. Payment Terms.** Unless an authorized Iteris representative agrees upon different credit terms in writing at the time of acceptance of Purchaser's order, the standard terms of payment shall be cash or wire transfer of funds in advance of shipment or, for international shipments, Irrevocable Sight Letter of Credit collectable within thirty (30) days after shipment. Iteris' obligation to deliver Products is subject to Purchaser's compliance with the foregoing payment terms, or in the event credit is granted by Iteris, any such credit terms provided. Iteris may at any time, in its reasonable business judgment, if the financial condition of Purchaser warrants, either alter the credit terms or suspend credit and delay delivery until such time as the revised credit terms are met. Iteris shall have the right to cancel any unfilled order, or delay its shipment, for failure of Purchaser to meet its payment schedule or obligations. In the event any payment is not made when due, Iteris shall have the right to accelerate the due date of the entire unpaid balance and to increase the unpaid balance of the sales price at the rate of one percent (1%) per month, or the maximum

allowed by law, on the unpaid balance until the account is paid in full, in addition to any reasonable attorneys' fees or other collection expenses.

**5. Taxes.** All prices are exclusive of any and all taxes, duties, tariffs, fees, or assessments, including but not limited to sales, use, excise, VAT, or similar taxes and export or import duties or fees applied to the sale or to the Products sold, by any United States or foreign federal, state, provincial, or local governmental body. Any such taxes that must be paid by Iteris shall be separately itemized on Iteris' invoice and paid by Purchaser, or in lieu thereof, Purchaser shall furnish Iteris a properly executed tax exemption certificate prior to shipment.

**6. Limited Warranty.**

**Iteris Hardware Products:** Unless otherwise specified in writing by an authorized Iteris representative, hardware Products marked as manufactured by or for Iteris or marked with an Iteris brand or trademark are warranted, at the time of shipment to Purchaser, to conform to Iteris' published specifications and to be free from defects in material and workmanship. The occurrence of any of the following terminates Iteris' Limited Warranty: (i) a Product fails as the result, in whole or in part, of modification or repair of the Product not conducted in conformity with Iteris' approved procedures; (ii) a Product fails as the result, in whole or in part, of improper or insufficient maintenance; (iii) a Product is damaged due to, in whole or in part, electrical power surge, lightning strike, accident, negligence, improper storage, incorrect installation, incorrect operation, unusual deterioration due to physical environments in excess of limits set forth in Product manuals, or any other type of abuse or misuse; or (iv) the removal of serial numbers, or the removal, mutilation or defacement of any part of a Product. As a condition to making any claim under this Limited Warranty, Purchaser must request a Return Material Authorization ("RMA") before the Limited Warranty terminates or expires. Provided that the Limited Warranty has not terminated or expired, Iteris shall issue the RMA and Purchaser shall have the right to return the non-conforming Product, transportation prepaid, to Iteris for repair or, solely at Iteris' option, replacement with new or reconditioned materials. Except for repair or replacement, Iteris shall be under no other liability to Purchaser. *This is a Limited Warranty only and, unless otherwise specified in writing by Iteris, shall expire thirty-six (36) months after the date of shipment of each unit of Product to Purchaser.* Repaired or replaced Products have a Limited Warranty for the greater of ninety (90) days from the time of shipment or the remainder of the original warranty period.

**Iteris Software Products:** Unless otherwise specified in writing by an authorized Iteris representative, software Products marked as manufactured by or for Iteris or marked with an Iteris brand or trademark are warranted to the licensed End User in accordance with the software license and warranty packaged with the software.

**Non-Iteris Products.** Hardware or software Products marked as manufactured or produced by others or marked with a brand or trademark of a party other than Iteris are warranted, if at all, by the manufacturer or producer to the End User in accordance with the warranty documentation provided by the manufacturer or producer.

**NO OTHER WARRANTIES OR GUARANTEES, EXPRESSED OR IMPLIED INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARISING BY LAW, CUSTOM OR CONDUCT, SHALL BE APPLICABLE. NO REPRESENTATION OR WARRANTY BY PURCHASER SHALL EXTEND THE LIABILITY OR RESPONSIBILITY OF ITERIS BEYOND THE TERMS OF THIS PROVISION. THE RIGHTS AND REMEDIES PROVIDED HEREIN ARE EXCLUSIVE AND IN LIEU OF ANY OTHER RIGHTS OR REMEDIES. IN NO EVENT SHALL ITERIS HAVE ANY LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, OR FOR LOSS, DAMAGE OR EXPENSE DIRECTLY OR INDIRECTLY ARISING FROM USE OF THE PRODUCTS, OR AN INABILITY TO USE PRODUCTS EITHER SEPARATELY OR IN COMBINATION WITH OTHER SOFTWARE, EQUIPMENT OR MATERIALS, OR FROM ANY OTHER CAUSE.**



**Iteris Roadway Sensor Products**  
**Standard Terms and Conditions of Sale**



**7. Return Material Authorizations.** Upon request by Purchaser for an RMA whether for repair, replacement, or credit, Iteris agrees that it will either issue such RMA or provide Purchaser with a written explanation for its refusal to issue the RMA within thirty (30) days of the request by Purchaser. If Iteris provides a Field Replaceable Unit ("FRU") or replacement Product in advance of receipt of an authorized return and does not receive the returned unit within 30 days of shipment, Purchaser will be invoiced for the FRU or replacement. Purchaser shall pay all shipping costs for items returned to Iteris. For items repaired or replaced under a valid warranty claim, Iteris shall pay shipping costs for return of repaired or replaced item to Purchaser.

**8. Intellectual Property Indemnification.** Iteris shall indemnify and hold harmless Purchaser and its customers from loss, damage or liability for infringement of a United States (U.S.) patent or U.S. copyright ("intellectual property") arising out of the sale or use of Iteris Products delivered to Purchaser hereunder (the "Indemnity"); provided that Purchaser notifies Iteris in writing within ten (10) days of Purchaser's first notice of an infringement claim, threat or suit ("Infringement Claim") and fully cooperates with Iteris in the defense of such Infringement Claim and the avoidance of infringement by, including but not limited to, providing Iteris any requested authority, information, and assistance necessary. Iteris shall be entitled, at its election, to assume the defense of any Infringement Claim. The foregoing Indemnity shall not apply when normally non-infringing Iteris Products are rendered infringing by (i) Purchaser's or its customer's alteration of Iteris Products or the operation thereof, (ii) use of Iteris Products in combination with other equipment or software, or (iii) Iteris' modification of its products in compliance with the Purchaser's specifications or instructions. Iteris shall have the right to resolve any Infringement Claim in the manner it deems appropriate, including, but not limited to, (i) obtaining a license from the owner of the alleged infringed intellectual property, (ii) rescinding the purchase of the Iteris Product, or (iii) modifying or replacing the alleged infringing Product with non-infringing Product. The foregoing Indemnity shall not extend to claims based on infringement of intellectual property outside the United States of America. Iteris' sole obligation and liability to Purchaser and its customers with respect to indemnification of claims shall be as set forth in this paragraph and specifically excludes indemnification for consequential damages, incidental damages, punitive damages, and attorneys' fees.

**9. Product Liability, Mutual Indemnification.** In the event Purchaser receives a claim that a Product or any component thereof, delivered by Iteris to Purchaser, has caused personal injury or damage to property of others, Purchaser shall immediately, but in no circumstances in less than ten (10) days, notify Iteris in writing of all such claims. Iteris shall indemnify and hold harmless the Purchaser for any costs or damages to the extent caused by the defective Product or the negligence of Iteris, its agents, or its employees, and Iteris shall be entitled, at its election, to assume the defense of any claims related thereto. Purchaser shall indemnify, defend and hold harmless Iteris from and against all claims, demands, losses and liability arising out of damage to property or injury to persons caused by or in connection with the products, acts or omissions of Purchaser and its agents and employees, and from and against all claims, demands, losses and liability for costs or fees, including reasonable attorneys' fees in connection therewith.

**10. Arbitration.** It is the intent of the parties that any controversy will be elevated to the highest management levels within the respective organizations in an attempt to resolve the matter most efficiently. If the parties are unable, after good faith negotiations, which each hereby covenants to undertake, to resolve any dispute, claim or controversy arising between them, the parties hereby expressly agree that the exclusive means of resolving any such dispute, claim or controversy arising out of or relating to this agreement or the breach, termination, enforcement, interpretation or validity thereof, including the determination of the scope or applicability of this agreement to arbitrate, shall be determined by arbitration. If the Purchaser has an office located in the United States, arbitration shall be conducted under the Streamlined Arbitration Rules and Procedures of JAMS, a national alternative dispute resolution service ([www.jamsadr.com](http://www.jamsadr.com)) and shall be conducted in the English language, in

Los Angeles, CA USA, by one (1) arbitrator appointed in accordance with said rules. If the Purchaser does not have an office in the United States, arbitration shall be conducted under the Rules of Arbitration of the International Chamber of Commerce and be conducted in the English language, in New York, NY, USA, by one (1) arbitrator appointed in accordance with said Rules of Arbitration. Judgment on the arbitration award may be entered in any court having jurisdiction. This clause shall not preclude parties from seeking provisional remedies in aid of arbitration from a court of appropriate jurisdiction nor shall it preclude Iteris from any pursuit allowed by the full extent of the law for collection of amounts owed by Purchaser under any credit arrangement. The arbitrator may, in the award, allocate all or part of the costs of the arbitration, including the fees of the arbitrator and the reasonable attorneys' fees of the prevailing party.

**11. Product Modifications.** Iteris reserves the right, at any time and without notice to Purchaser, to modify Products, in whole or in part, to include therein changes deemed appropriate by Iteris which do not adversely affect the form, fit or function of the Products, and without incurring any liability, to change or modify any Product previously delivered, or to supply new Products in replacement thereof.

**12. Export Responsibility.** All sales hereunder shall at all times be subject to the export control laws and regulations of the U.S. government. Purchaser agrees that it shall not make any disposition, by way of transshipment, re-export, diversion or otherwise, except as said laws and regulations may expressly permit, of U.S. origin goods purchased from Iteris, other than as to the ultimate country of destination specified on Purchaser's order and/or declared as the country of ultimate destination on Iteris' invoices.

**13. General.**

- a) No modification of a quotation or a resulting order shall be binding unless in writing signed by an authorized representative of Iteris.
- b) No waiver by either party of any default shall be deemed a waiver of any subsequent default.
- c) Purchaser shall not assign its Order or any interest therein or any rights hereunder without the written consent of Iteris, and any such purported assignment shall be null and void and of no effect whatsoever.
- d) Purchaser agrees that it will not modify, reproduce, reverse engineer, reverse compile, disassemble, translate, de-compile, deconstruct or decrypt, the whole or any part of the Products, including any software embedded therein.
- e) All quotations and any resulting order shall be construed, interpreted and governed by the laws of the State of California, USA, but specifically excluding any International Convention regarding the International Sales of Goods. Should any court of competent jurisdiction determine any portion hereof illegal or against public policy, such determination shall not affect that portion herein that is not illegal or against public policy. In the event that the federal, state, provincial, city or local government or any bureau or agency thereof, should promulgate any law, rule or regulation affecting prices, deliveries or any other term of a contract resulting from a quotation, then, at the option of Iteris communicated to the Purchaser in writing within a reasonable time, the contract between Iteris and the Purchaser may be either terminated by Iteris and be of no force and effect and the parties shall be restored to the position they occupied before the contract was executed, or Iteris may make such changes in the price, delivery schedule and terms as Iteris in its reasonable business judgment may deem necessary to comply with such law, rule or regulation.

76011 - CALTRANS 05-4482U4

14 Apr 2016 13:47:58

CARPINTERIA

	Size	Description	Quantity	Material Unit	Mat Result	
		wire and cable material items				
54	HERRERA	REMOVE EXISTING CONDUCTOR	1,600	\$0.0000	\$0.00	
183	HERRERA	REMOVE EXISTING CONDUCTOR	98,400	\$0.0000	\$0.00	
70003	10	THW CU (SOL)	26,154	\$0.1250	\$3,269.25	
70007	10	THW CU (STR)	938	\$0.1350	\$126.63	
70008	8	THW CU (STR)	15,599	\$0.2120	\$3,306.99	
70009	6.	THW CU (STR)	2,094	\$0.3150	\$659.61	
70012	2.	THW CU (STR)	770	\$0.7490	\$576.73	
70116	10.	GREEN THHN CU (GRD 60A)	420	\$0.1250	\$52.50	
70117	8	GREEN THHN CU (GRD 100A)	13,732	\$0.2120	\$2,911.18	
70118	6.	GREEN THHN CU (GRD 200A)	214	\$0.3150	\$67.41	
420235		DLC	19,180	\$0.1290	\$2,474.22	
420241	12PR 20	INTERCONNECT CABLE	2,192	\$0.9950	\$2,181.04	
420246	3C	TSC	2,456	\$0.2020	\$496.11	
420247	5C	TSC	1,378	\$0.3120	\$429.94	
420248	9C	TSC	1,925	\$0.6090	\$1,172.33	
420249	12C	TSC	5,154	\$0.7690	\$3,963.43	
420251	#8281	CAMERA VIDEO CABLE	495	\$0.7050	\$348.98	
420252	16/3 SOV	CAMERA POWER CABLE	495	\$0.1990	\$98.51	
420254		3M M138 CABLE	2,500	\$0.3900	\$975.00	
420309		FUSE KIT	50	\$18.0000	\$900.00	
500122		COND MEASURING TAPE	10,521	\$0.0281	\$295.17	
2020094	4 PAIR BLUE	CAT5E UTP CABLE (CMP)	1,382	\$0.0000	\$0.00	
2020118	4 PAIR BLUE	CAT-5 UTP CABLE (CMP)	306	\$0.0000	\$0.00	
2050039		LABEL- HORIZ. CABLE- VOICE	2	\$0.3500	\$0.70	
2050040		LABEL- HORIZ. CABLE- DATA	6	\$0.3500	\$2.10	
2050089	8" TIES	VELCRO ROLL	8	\$0.0000	\$0.00	
12040013		PRT5 - CABLE PROTECTOR	20	\$0.0000	\$0.00	\$24,307.81
		conduit and fittings				
10002	1	GRC	15	\$1.5000	\$22.50	
10004	1 1/2	GRC	180	\$2.4175	\$435.15	
10005	2	GRC	400	\$2.9875	\$1,195.00	
10005	2	GRC	3,170	\$2.9875	\$9,470.38	
10007	3	GRC	10	\$6.3875	\$63.88	
10009	4	GRC	24	\$8.8440	\$212.26	



10059	1	PVC SCH 40	10	\$0.2400	\$2.40
10061	1 1/2	PVC SCH 40	180	\$0.3780	\$68.04
10062	2	PVC SCH 40	10,878	\$0.4845	\$5,270.39
10064	3	PVC SCH 40	6,115	\$0.8850	\$5,411.78
10066	4	PVC SCH 40	1,560	\$1.2770	\$1,992.12
10141	1 1/2	IMC	30	\$1.8550	\$55.65
20019	2	PVC SCH 40 90-DEG ELBOW 48"R	11	\$9.7000	\$106.70
20021	3	PVC SCH 40 90-DEG ELBOW 48"R	4	\$14.5000	\$58.00
20023	4	PVC SCH 40 90-DEG ELBOW 48"R	4	\$15.1500	\$60.60
20028	1	PVC SCH 40 45-DEG ELBOW	2	\$0.9000	\$1.80
20030	1 1/2	PVC SCH 40 45-DEG ELBOW	36	\$1.7000	\$61.20
20031	2	PVC SCH 40 45-DEG ELBOW	264	\$2.2000	\$580.80
20033	3	PVC SCH 40 45-DEG ELBOW	130	\$6.9000	\$897.00
20035	4	PVC SCH 40 45-DEG ELBOW	73	\$12.3000	\$897.90
20108	1	GRC 90-DEG ELBOW	2	\$4.2000	\$8.40
20110	1 1/2	GRC 90-DEG ELBOW	46	\$7.0000	\$322.00
20111	2	GRC 90-DEG ELBOW	152	\$10.4000	\$1,580.80
20113	3	GRC 90-DEG ELBOW	2	\$21.4000	\$42.80
20115	4	GRC 90-DEG ELBOW	8	\$44.5500	\$356.40
30002	1	GRC COUPLING	4	\$1.2000	\$4.80
30004	1 1/2	GRC COUPLING	68	\$2.3500	\$159.80
30005	2	GRC COUPLING	324	\$2.9000	\$939.60
30007	3	GRC COUPLING	4	\$9.5500	\$38.20
30009	4	GRC COUPLING	24	\$12.2500	\$294.00
30039	2	GRC EXPANSION COUPLING	21	\$109.7000	\$2,303.70
30047	1 1/2 - 2	GRC EXPANSION COUPLING BOND JUMPER	3	\$25.1500	\$75.45
30258	1	PVC COUPLING	4	\$0.2000	\$0.80
30260	1 1/2	PVC COUPLING	72	\$0.3000	\$21.60
30261	2	PVC COUPLING	549	\$0.4000	\$219.60
30263	3	PVC COUPLING	264	\$1.2500	\$330.00
30265	4	PVC COUPLING	154	\$1.6500	\$254.10
30312	1	PVC END BELLS	2	\$0.7500	\$1.50
30314	1 1/2	PVC END BELLS	36	\$1.2500	\$45.00
30315	2	PVC END BELLS	265	\$1.5500	\$410.75
30317	3	PVC END BELLS	109	\$1.8000	\$196.20
30319	4	PVC END BELLS	74	\$2.1500	\$159.10
40067	2	MYERS THREADED GRD HUB	12	\$8.5500	\$102.60
40211	1 1/2	GRD BUSHING INSULATED	46	\$2.7000	\$124.20
40212	2	GRD BUSHING INSULATED	124	\$3.6500	\$452.60
40214	3	GRD BUSHING INSULATED	2	\$7.6500	\$15.30
40216	4	GRD BUSHING INSULATED	12	\$9.6000	\$115.20
60136	1 x10	GRS NIPPLE	2	\$3.4000	\$6.80
60147	1 1/2 x 8	GRS NIPPLE	46	\$4.2000	\$193.20
60153	2 x 8	GRS NIPPLE	108	\$5.2000	\$561.60
60165	3 x 8	GRS NIPPLE	2	\$11.0000	\$22.00

60177	4 x 8	GRS NIPPLE	12	\$12.8000	\$153.60	
420271		FLEX TO CURB	44	\$35.0000	\$1,540.00	
420308		DUCT SEAL	582	\$1.9000	\$1,105.80	
420370	2"	POLE RISER	4	\$14.8500	\$59.40	
420371	3"	POLE RISER	3	\$23.9000	\$71.70	
420381		AB - ABANDON CONDUIT	23	\$0.0000	\$0.00	
420384		CB - INSTALL CONDUIT INTO EX PB	2	\$40.0000	\$80.00	
850012	5/8 x 8	COPPER GROUND ROD	16	\$11.0000	\$176.00	
850053	5/8.	GROUND ROD CLAMP	16	\$1.5000	\$24.00	\$39,432.13
precast pull boxes						
5	B.L.WALLACE	2010 POLYMER #5/LID/EMS MARKER PENTA	141	\$115.8200	\$16,330.62	
397	B.L.WALLACE	2010 POLYMER #6/LID/EMS MARKER PENTA	26	\$164.7800	\$4,284.28	
407	BP-1324 POLY	#5 (T) LID CAL-TRANS 2010 SPEC	4	\$251.2900	\$1,005.16	
420281	3.5	PULL BOX	21	\$150.7800	\$3,166.38	
420295	6	PULL BOX EXTENSION	5	\$74.8200	\$374.10	
420297	9A	PULL BOX IN BRIDGE	3	\$55.7000	\$167.10	
420299	9A	PULL BOX IN K-RAIL	2	\$55.7000	\$111.40	
420302	6	PULL BOX FIBERLYTE W/EXTENSION	2	\$229.2100	\$458.42	
420310		REMOVE EXISTING PULL BOX	26	\$0.0000	\$0.00	
420442		NO.7 CEILING PULL BOX	3	\$450.0000	\$1,350.00	\$27,247.46
vendor items						
53	COOPER LIGHTING	NEW LED LAMP 235 WATT	9	\$0.0000	\$0.00	
54	COOPER LIGHTING	NEW LED LAMP 165 WATT	15	\$0.0000	\$0.00	
68	ANCHOR BOLTS	5/16 INCH X 18 INCH X 3 INCHES	1	\$0.0000	\$0.00	
98		APS AUDIABLE BULL DOG PUSH BUTTONS	17	\$0.0000	\$0.00	
140	FND/POLE EDISON FURN	EDISON-COBRA-165W-30HT-OCTOGONAL-PCC-	13	\$0.0000	\$0.00	
141	FND/POLE EDISON FURN	EDISON-DEC-100W-18HT-EDISON DECORA	17	\$0.0000	\$0.00	
142	SHEET E-29	BEGA-9002LED-27W-12FT-2IN-BEGA1308HR	7	\$0.0000	\$0.00	
143	SHEET E-28	LEDTRONICS-LED30HPS-27W-12FT-2IN/BEGA927	17	\$0.0000	\$0.00	
148		DEPARTMENT FURNISHED 2070/332 CABINET	5	\$0.0000	\$0.00	
149		DEPARTMENT FURNISHED 2070/334 CABINET	1	\$0.0000	\$0.00	
158	DDL	NEW GEL CELL BATTERIES FOR (N) UPS SYS	20	\$0.0000	\$0.00	
294	ZUMAR SIGNS	D3-1 SNS "VIA REAL" ON SMA	3	\$0.0000	\$0.00	
295	ZUMAR SIGNS	D3-1 SNS "CASITAS PASS RD" ON SMA	3	\$0.0000	\$0.00	
296	ZUMAR SIGNS	D3-1 SNS "LINDIN AVE" ON SMA	2	\$0.0000	\$0.00	
297	HERRERA	R10-3E (5X7.75)SIGN	17	\$0.0000	\$0.00	
311	HERRERA PLUG	R3-18 SIGN	5	\$108.0000	\$540.00	
420171		SV-1-T	9	\$0.0000	\$0.00	
420174		SV-2-TA	7	\$0.0000	\$0.00	
420185		TV-1-T	7	\$0.0000	\$0.00	
420187		TV-2-T	5	\$0.0000	\$0.00	
420188		TV-3-T	1	\$0.0000	\$0.00	
420191		SP-1-T	16	\$0.0000	\$0.00	
420203		MAT	10	\$0.0000	\$0.00	
420204		MAS	10	\$0.0000	\$0.00	

III BF

420223		MAY 2010	16	\$0.0000	\$0.00	
420339		SERVICE CABINET	7	\$0.0000	\$0.00	
420342		TELEPHONE DEMARCATION BOX	3	\$0.0000	\$0.00	
420344		CONCRETE BASE DEMARCATION	3	\$300.0000	\$900.00	
420362		BATTERY BACKUP SYSTEM	5	\$0.0000	\$0.00	
420416		SIGN LIGHT ISL HPS	1	\$0.0000	\$0.00	
420417		SIGN LIGHT MOUNTING PLATE	1	\$0.0000	\$0.00	
420418		MISC MNTG HARDWARE	1	\$15.0000	\$15.00	
420427		SIGN DISCONNECT	1	\$0.0000	\$0.00	
420429		MOUNT CONTROLLER	1	\$5.0000	\$5.00	
420433		100W SOFFIT LUMINAIRE	3	\$0.0000	\$0.00	
420435		PLYWOOD DISK IN BRIDGE	3	\$5.0000	\$15.00	
420465		TYPE 15TS - 15 LMA	1	\$0.0000	\$0.00	
420467		TYPE 21 - 15 LMA	2	\$0.0000	\$0.00	
420469		TYPE 30 - 15 LMA	7	\$0.0000	\$0.00	
420484		PED PB POST	1	\$0.0000	\$0.00	
420496		STANDARD 18-4-100-30SMA	1	\$0.0000	\$0.00	
420497		STANDARD 19-4-100-30SMA-15LMA	1	\$0.0000	\$0.00	
420500		STANDARD 24-4-100-35SMA-15LMA	1	\$0.0000	\$0.00	
420505		STANDARD 17-3-100-20SMA-15LMA	7	\$0.0000	\$0.00	
420507		STANDARD 19-3-100-30SMA-15LMA	6	\$0.0000	\$0.00	
420515		STANDARD 07/10/15FT	13	\$0.0000	\$0.00	
420522		DETAIL U	16	\$100.0000	\$1,600.00	
420529		TYPE 30 POLE	2	\$0.0000	\$0.00	
420613	3/4"X18"X3"	ANCHOR BOLTS TYPE 1A	16	\$35.0000	\$560.00	
420614	1-1/4"X12BC	ANCHOR BOLTS TYPE 21	2	\$588.0000	\$1,176.00	
420616	1"X40" W/PLATE	ANCHOR BOLTS TYPE 30	7	\$225.0000	\$1,575.00	
420631		CAMERA	3	\$0.0000	\$0.00	
420632		CAMERA AIMING & CHECK	3	\$0.0000	\$0.00	
420640		PELCO AB-0121 CLAMP	3	\$75.0000	\$225.00	
420655		SIGN R9-3	23	\$55.0000	\$1,265.00	
420657		SIGN R9-3B	1	\$37.0000	\$37.00	
420665		SIGN R3-4	6	\$97.0000	\$582.00	
420672		SS STRAP	100	\$12.5000	\$1,250.00	\$9,745.00
		loops				
420257	6'X6'	TYPE A	15	\$250.0000	\$3,750.00	
420258	6'X6'	TYPE D - BIKE	3	\$250.0000	\$750.00	
420260	6'X20'	TYPE C	2	\$492.0000	\$984.00	
420264	6'X40'	TYPE C	5	\$870.0000	\$4,350.00	
420257	6'X6'	TYPE A	27	\$100.0000	\$2,700.00	
420258	6'X6'	TYPE D - BIKE	18	\$125.0000	\$2,250.00	
420264	6'X40'	TYPE C	18	\$435.0000	\$7,830.00	\$22,614.00

deduct sales tax items



222	JAVIER'S	AUGAR TYPE 26-4-100 FOUNDATION	16	\$0.0000	\$0.00	
380		DICKY REED EXCAVATION (500 LF P	6,160	\$2.0800	\$12,812.80	
390428	1 SACK SLURRY	CONCRETE ENCASEMENT	2	\$92.0000	\$184.00	
390429	2 SACK SLURRY	CONCRETE ENCASEMENT	18	\$92.0000	\$1,656.00	
400254		GRAVEL UNDER HANDHOLE	194	\$15.0000	\$2,910.00	
420311		TRENCH IN DIRT	105	\$10.0000	\$1,050.00	
420312		TRENCH AT EMBANKMENT	1,695	\$10.0000	\$16,950.00	
420314		INSPECTION POTHOLE AC/CONC	324	\$125.0000	\$40,500.00	
420315		INSPECTION POTHOLE DIRT	98	\$50.0000	\$4,900.00	
420316		BORE LOCATION FREEWAY	11	\$0.0000	\$0.00	
420317		BORE LOCATION 2LANE RAMP	4	\$0.0000	\$0.00	
420318		BORE LOCATION 1LANE RAMP	1	\$0.0000	\$0.00	
420320		BORE CONDUIT	7,868	\$0.0000	\$0.00	
420322		BORE CONDUIT (DIFFICULT)	240	\$0.0000	\$0.00	
420323		BORE CONDUIT STREET CROSSING	24	\$0.0000	\$0.00	
420335		R&R AC CONCRETE PER SF	1,432	\$0.0000	\$0.00	
420337		TRAFFIC CONTROL	40	\$125.0000	\$5,000.00	
420338		TRAFFIC CONTROL ENGINEERING PLAN	1	\$0.0000	\$0.00	
420373		SCE/PGE RISER CHARGE	5	\$455.0000	\$2,275.00	
420397		RS - REMOVE/SALVAGE EQUIPMENT	11	\$0.0000	\$0.00	
420402		TSP - TELEPHONE SERVICE POINT	3	\$0.0000	\$0.00	
420404		RS-SMALL POLE	13	\$0.0000	\$0.00	
420405		RC-SMALL FOUNDATION	13	\$50.0000	\$650.00	
420439		ANCHORS FOR REC LIGHT	3	\$10.0000	\$30.00	
420440		6FT 3/4" IMC BETWEEN PED LIGHT	3	\$3.4000	\$10.20	
420441		FLUSH SOFFIT LUMINAIRE	3	\$0.0000	\$0.00	
420453		REMOVE EX POLE LUMINAIRE	2	\$0.0000	\$0.00	
420537		FOUNDATION TYPE IIIBF	7	\$150.0000	\$1,050.00	
420540		FOUNDATION TYPE 332	5	\$250.0000	\$1,250.00	
420541		FOUNDATION TYPE 334	1	\$250.0000	\$250.00	
420546	2-6X5-0	FOUNDATION TYPE 15	1	\$388.0000	\$388.00	
420554	2-0X3-0X3-0	FOUNDATION TYPE 1A	13	\$150.0000	\$1,950.00	
420559	3-0X7-0	FOUNDATION TYPE 16 THRU 27-3-100	6	\$607.0000	\$3,642.00	
420560	3-0X9-0	FOUNDATION TYPE 18 THRU 27-4-100	1	\$756.0000	\$756.00	
420582	2-6X5-0	FOUNDATION TYPE 30	7	\$1,320.0000	\$9,240.00	
420589	2-6X7-2	FOUNDATION TYPE 16,17,18,19,19A-2-100	7	\$1,320.0000	\$9,240.00	
420591	3-0X11-0	FOUNDATION TYPE 18 THRU 24-4-100	2	\$2,300.0000	\$4,600.00	
420598		FOUNDATION PED POST	1	\$47.5000	\$47.50	
420604		FOUNDATION CCTV TYPE 30	2	\$1,320.0000	\$2,640.00	\$123,981.50

\$247,327.90 \$247,327.90

-\$264,437.60

-\$17,109.70

SAF-T-CO

BL WALLACE



**QUOTATION**

Quote #: SCC042016E  
Agency: Caltrans  
Job Name: 05-4482U4, Rte 101, SB Co  
Bid Date: 4/20/2016 (Bid date changed to 4/27/2016 per Addendum 4)

Estimator: Shellie Campbell  
(760)734-5031  
scampbell@mccain-inc.com

Bid Item	Description	Price
286	<b>Traffic Operation Sys</b> Qty 1, 334L Cabinet with Corbin Locks ONLY *Does NOT include CCTV and Wireless Equipment*	\$4,048.00
	Qty 2, 30' VDS Poles with Anchor Bolts *Includes Special Painted Poles*	\$4,535.00
	<b>Signal &amp; Lighting, Loc. 1, Bl# 275</b> Signals	\$6,625.00
	Dimension BBS with Batteries and External BBS Cabinet	\$2,991.00
	Poles, Anchor Bolts, LED Luminaires, Service, and RSNS *Includes Special Painted Poles*	\$15,944.00
	<b>Signal &amp; Lighting, Loc. 2, Bl# 276</b> Signals	\$8,622.00
	Dimension BBS with Batteries and External BBS Cabinet	\$2,991.00
	Poles, Anchor Bolts, LED Luminaires, Service, TDC, and RSNS *Includes Special Painted Poles*	\$22,123.00
	<b>Signal &amp; Lighting, Loc. 3, Bl# 277</b> Signals	\$12,186.00
	Dimension BBS with Batteries and External BBS Cabinet	\$2,991.00
	Poles, Anchor Bolts, LED Luminaires, Service, and RSNS *Includes Special Painted Poles*	\$29,999.00

**Signal & Lighting, Loc. 4, Bl# 278**

Signals

\$5,718.00

Dimension BBS with Batteries and External BBS Cabinet

\$2,991.00

Poles, Anchor Bolts, LED Luminaires, Service, TDC, and RSNE

\$17,902.00

**\*Includes Special Painted Poles\***

**Signal & Lighting, City Street, Bl# 279**

Signals

\$6,867.00

Dimension BBS with Batteries and External BBS Cabinet

\$2,991.00

Poles, Anchor Bolts, LED Luminaires, Service, TDC, and RSNE

\$20,760.00

**\*Includes Special Painted Poles\***

**Lighting, Bl# 280**

Poles, Anchor Bolts, LED Luminaires, ISL Fixture, Sign Control, and Service.

\$20,208.00

**Lighting, City Street, Bl# 281**

Soffit Luminaires and Qty 2, Services w/Anchor Bolts

\$10,700.00

NO other material is included with this bid

Complies with Buy America requirements for this project

Current lead-time is 12 weeks for delivery

NO BID on WVDS w/Client Bride & Access Point, VSN, POE,  
City St Lighting Decorative Poles w/Fixtures, CCTV Sys, Video Det

**This quote valid for 30 days.**

**Reference Total**

**\$201,192.00**

Prices firm for 30 days. Freight included. Add sales tax.

Sale is subject to McCain's standard terms and conditions.

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential and/or legally privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited.

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**Tim Herrera**

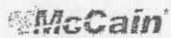
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**From:** Shellie Campbell <SCampbell@mccain-inc.com>  
**Sent:** Tuesday, April 26, 2016 7:10 AM  
**Subject:** Caltrans 05-44825U4, Rte 101, SB Co.  
**Attachments:** SCC042016E.pdf

Attached is McCain's quote SCC042016E for the above mentioned project bidding 4.27.16 per Addendum 4. Please let me know if we can be of any further assistance.

Thank you

**Shellie Campbell**  
Account Manager  
McCain, Inc.



phone +1-760-734-5031 | fax +1-760-727-8184  
2365 Oak Ridge Way, Vista, CA 92081  
[scampbell@mccain-inc.com](mailto:scampbell@mccain-inc.com)  
<http://www.mccain-inc.com>

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[Back To Query Form](#)**Search Returned 1 Records**

Fri Apr 29 13:40:26 PDT 2016

**Query Criteria**

Firm ID: 820

Firm Type: DBE

Firm ID	820
Firm/DBA Name	G & C EQUIPMENT CORP.
Address Line1	1875 W. REDONDO BEACH BLVD. #207
Address Line2	
City	GARDENA
State	CA
Zip Code1	90247
Zip Code2	
Mailing Address Line1	P. O. BOX 5419
Mailing Address Line2	
Mailing City	GARDENA
Mailing State	CA
Mailing Zip Code1	90249
Mailing Zip Code2	
Certification Type	DBE
E-Mail	gene@gandccorp.com
Contact Name	GENE HALE
Area Code	( 310 )
Phone Number	515-6715
Alt Area Code	( )
Alt Phone Number	
Fax Area Code	( 310 )
Fax Phone Number	515-5046
Agency Name	LOS ANGELES COUNTY METRO TRANSPORTATION AUTHORITY (MTA)
Counties	00;
Districts	00;
DBE NAICS	423310; 423320; 423390; 423510; 423610; 423720; 423730; 423830; 423860; 425120; 532412; 561320;

**ACDBE NAICS****Work Codes**

C0600 MISC SUPPLIERS; C0639 ASPHALT SUPPLIER; C0651 CONCRETE & CEMENT SUPPLIER; C0652 REINFORCING BAR SECTION SUPPLIER; C0655 STEEL SUPPLIER; C0670 PIPE SUPPLIER; C0686 ELECTRICAL & SIGNALS SUPPLIER; C0699 TOOLS Supplier; C9999 BROKER; D3620 ELECTRICAL INDUSTRIAL APPARATUS; F5070 HARDWARE, PLUMBING & HEATING EQUIPMENT; F5080 MACHINERY, EQUIPMENT, & SUPPLIES; F5210 LUMBER & OTHER BUILDING MATERIALS; I7350 MISC EQUIPMENT RENTAL & LEASING; I7360 PERSONNEL SUPPLY SERVICES;

**Licenses****Trucks****Gender**

M

**Ethnicity**

BLACK

**Firm Type**

DBE

[Back To Query Form](#)



STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION  
**DBE CONFIRMATION**  
DES-OE-0102.13 (NEW 05/2015)

Contract no. 05-4482U4  
Name of DBE business: G&C Equipment Corp.  
Name of DBE representative: John Browdy  
DBE certification number: 820  
Name of bidder: Rasmussen/Myers and Sons  
Name of prime contractor if different from the bidder:  
Name of representative of bidder or prime contractor  
Eric Landegger, Chief Estimator  
Date: 4/28/2016

Bid item number	Item of work and description of services to be subcontracted or materials to be provided <sup>1</sup>	Amount (\$)
274-281	Electrical Material Supplier	\$612,796.72
& 286	(2nd tier Material Supplier to Taft Electric)	X 60%
	DBE Amount:	\$367,678.03

<sup>1</sup>If 100% of an item is not to be performed or furnished by the DBE, describe the exact portion of the item to be performed or furnished.

Total	\$612,796.72
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As an authorized representative of a certified disadvantaged business enterprise, I confirm that my business was contacted by the bidder or prime contractor shown above regarding the contract shown above. If the bidder is awarded the contract, my business will enter into a contractual agreement with the bidder or prime contractor to perform the type and dollar amount of work shown on the DBE Commitment form.

I certify under penalty of perjury that the foregoing is true and correct.

John E. Browdy  
Signature of DBE's authorized representative:

John E. Browdy  
Printed name of DBE's authorized representative:

Senior Project Manager  
Title of DBE's authorized representative:

4/28/16  
Date:

**ADA Notice** For individuals with sensory disabilities, this document is available in alternate formats. For alternate format information, contact the Forms Management Unit at (916) 445-1233, TTY 711, or write to Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

Contract No. 05-4482U4

**[Miranda Logistics Enterprise LLC]**

Attachment A

www.miranda-logistics.com

**Trucking Price List**

DIR Registration #1000018246

Project: 05-4482U4

**Day Shift / Night Shift / Weekends**

Service ID	Service Type	# of Trucks	Price per Hour
S-10	Super 10 (17 Ton)	130	\$85.00
Wet Batch S-10	Wet Batch Concrete (PCCP) Supers (10 CY)	20	\$90.00
LS ED	Low-Side End Dump (22 Ton)	75	\$105.00
LS ED	Low-Side End Dump (25 Ton Aluminum Body)	75	\$105.00
HS ED GW	High-Side End Dump (40 cy -Green Waste)	30	\$110.00
HS ED RM	High-Side End Dump (Recyled Metals)	30	\$115.00
BD D-A	Bottom-Dump (24 Ton Dirt & Aggregate)	120	\$110.00
BD ASPH	Bottom-Dump (24 Ton - Asphalt)	30	\$110.00
TT D	Transfer Truck (25 Ton - Dirt)	15	\$115.00
TT A	Transfer Truck (25 Ton - Aggregate)	15	\$125.00
FB 48'-55'	Regular - Flat Beds	30	\$105.00
FB 56'-80'	Stretch - Flat Beds	6	\$115.00

Description	Hours	Truck Type	Hourly Rate	Total
Haul K-Rail	1664	Regular Flat Bed Truck	\$ 105.00	\$ 174,720.00
Removals	434	Super 10	\$ 85.00	\$ 36,890.00
Roadway Excavation	5647	Super 10	\$ 85.00	\$ 479,995.00
Structure Excavation	632	Super 10	\$ 85.00	\$ 53,720.00
Backfill	130	Super 10	\$ 85.00	\$ 11,050.00
				<b>\$ 756,375.00 TOTAL</b>

**MIRANDA LOGISTICS****Standard Terms & Conditions Apply****5hr Minimum****1 hr travel Time / Portal to Portal**

Date:

Authorized Rep:

(print)

Company:

Signature:

[2202 S. Figueroa St #437] [Los Angeles, CA,90007]

Tel: [424-800-3831] Fax: [424-800-3831] E-Mail: [miranda@miranda-logistics.com]

Web Site: [www.miranda-logistics.com]



# Metro

Metropolitan Transportation Authority

Los Angeles, CA 90012-2952

## CALIFORNIA UNIFIED CERTIFICATION PROGRAM



February 19, 2013

**CUCP #39978**  
**Metro File # 5770**

Marco Miranda Sr.  
**Miranda Logistics Enterprise, LLC**  
 2202 S. Figueroa St. #437  
 Los Angeles, CA 90007

**RE: Disadvantaged Business Enterprise Certification**

Dear Mr. Miranda:

We are pleased to advise you that after careful review of your application and supporting documentation, the Los Angeles County Metropolitan Transportation Authority (Metro) has determined that your firm meets the eligibility standards to be certified as a Disadvantaged Business Enterprise (DBE) as required under the U.S. Department of Transportation (U.S. DOT) Regulation 49 CFR Part 26, as amended. This certification will be recognized by all of the U.S. DOT recipients in California. Your firm will be listed in the California Unified Certification Program (CUCP) database of certified DBEs under the following specific areas of expertise that you have identified on the NAICS codes form of the application package:

<u>NAICS (2007)</u>	<u>Description</u>	<u>Size Standard</u>
488510	Freight Transportation Arrangement	\$14.0 million
484110	General Freight Trucking, Local	\$22.41 million
484220	Specialized Freight Trucking, Local	\$22.41 million
562111	Solid Waste Collection	\$12.5 million
562112	Hazardous Waste Collection	\$12.5 million

Your DBE certification applies only for the above codes. You may review your firm's information in the CUCP DBE database which can be accessed at the CUCP website at [www.californiaucp.org](http://www.californiaucp.org). Any additions and revisions must be submitted to Metro for review and approval.

In order to assure continuing DBE status, you must submit annually a No Change Declaration form (which will be sent to you) with supporting documentation. Based on your annual submission that no change in ownership and control has occurred, or if changes have occurred, they do not affect your firm's DBE standing, the DBE certification of your firm will continue until or unless it is removed by our agency.

Also, should any changes occur that could affect your certification status prior to receipt of the DBE Declaration, such as changes in your firm's name, business/mailling address, ownership, management or control, or failure to meet the applicable business size standards or personal net worth standard, please notify Metro immediately.

Metro reserves the right to withdraw this certification if at any time it is determined that it was knowingly obtained by false, misleading, or incorrect information. Your DBE certification is subject to review at any time. The firm thereby consents to the examination of its books, records and documents by Metro.

Congratulations, and thank you for your interest in the DBE program. I wish you every business success and should you have any questions, please contact us at **213-922-2600**. For information on Metro contracting opportunities, please visit our website at [www.metro.net](http://www.metro.net).

Sincerely,

Shirley Wong  
 Certification Representative  
 Diversity & Economic Opportunity Department



# Metro

February 19, 2013

Metro File # 5770

Marco Miranda Sr.  
**Miranda Logistics Enterprise, LLC**  
 2202 S. Figueroa St. #437  
 Los Angeles, CA 90007

**Re: Small Business Enterprise Certification**

Dear Mr. Miranda:

We are pleased to advise you that after careful review of your application and supporting documentation, the Los Angeles County Metropolitan Transportation Authority (Metro) has determined that your firm meets the eligibility standards to be certified as a Small Business Enterprise (SBE) as required under the Metro SBE Program. Your firm will be listed in the Metro SBE database of certified SBEs under the following specific areas of expertise:

<u>NAICS (2007)</u>	<u>Description</u>	<u>Size Standard</u>
488510	Freight Transportation Arrangement	\$14.0 million
484110	General Freight Trucking, Local	\$22.41 million
484220	Specialized Freight Trucking, Local	\$22.41 million
562111	Solid Waste Collection	\$12.5 million
562112	Hazardous Waste Collection	\$12.5 million


Your SBE certification is good for five years from the date of this letter and applies only for the above NAICS 2007 codes. Requests for additional or revised NAICS 2007 codes must be made in writing to Metro. After the five-year certification period, your entire file will be reviewed in order to ascertain continued SBE certification status. You will be notified of the pending SBE status review and any documentation updates necessary prior to the expiration date.

Should any changes occur that could affect your certification status, such as changes in your firm's name, business/mailling address, ownership, management or control, or failure to meet the applicable business size standards or personal net worth standard, please notify Metro immediately. SBE certification is subject to review at any time.

Metro reserves the right to withdraw this certification if at any time it is determined that certification was knowingly obtained by false, misleading, or incorrect information. Metro also reserves the right to request additional information and/or conduct on-site visits at any time during the certification period. The firm thereby consents to the examination of its books, records, and documents by the Metro.

Congratulations, and thank you for your interest in Metro's SBE Program. I wish you every business success and should you have any questions, please contact us at 213-922-2600. For information on Metro contracting opportunities, please visit our website at www.metro.net.

Sincerely,

  
 Shirley Wong

Certification Representative  
 Diversity & Economic Opportunity Department



# CALIFORNIA UNIFIED CERTIFICATION PROGRAM DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATE

MIRANDA LOGISTICS ENTERPRISE, LLC

2202 S. FIGUEROA ST. #437  
LOS ANGELES, CA 90007

Owner: MARCO MIRANDA

Business Structure: LIMITED LIABILITY COMPANY

This certificate acknowledges that said firm is approved by the California Unified Certification Program (CUCP) as a Disadvantaged Business Enterprise (DBE) as defined by the U.S. Department of Transportation (DOT) CFR 49 Part 26, as may be amended, for the following NAICS codes:

NAICS Code(s) \* Indicates primary NAICS code

- \* 488510 Freight Transportation Arrangement
- 484220 Specialized Freight (except Used Goods) Trucking, Local
- 562112 Hazardous Waste Collection

484110 General Freight Trucking, Local  
562111 Solid Waste Collection

Work Category Code(s)

C9774 TRUCKER  
E4953 WASTE COLLECTION AND DISPOSAL

E4730 FREIGHT TRANSPORTATION ARRANGEMENT

Licenses



## CERTIFYING AGENCY:

LOS ANGELES COUNTY METRO TRANSPORTATION AUTHORITY (MTA)  
ONE GATEWAY PLAZA  
LOS ANGELES, CA 90012 0000  
(213) 922-2600

UCP Firm Number : 39978

CUCP OFFICER

February 27, 2013

It is CUCP's policy and objective to promote and maintain a level playing field for DBEs in California on Federal-aid contracts. We ensure nondiscrimination in the award and administration of U.S. DOT assisted contracts based on the requirements of 49 CFR Parts 21 and 26.

05-4482U4 - DBE/SBE Trucking Rates

Call if you would like a per ton rate for delivery of HMA.

[Back To Query Form](#)**Search Returned 1 Records**

Fri Apr 29 14:58:03 PDT 2016

**Query Criteria**

Firm ID: 39978

Firm Type: DBE

Firm ID	39978
Firm/DBA Name	MIRANDA LOGISTICS ENTERPRISE, LLC
Address Line1	2214 S. CATALINA ST.
Address Line2	
City	LOS ANGELES
State	CA
Zip Code1	90007
Zip Code2	
Mailing Address Line1	2202 S. FIGUEROA ST. #437
Mailing Address Line2	
Mailing City	LOS ANGELES
Mailing State	CA
Mailing Zip Code1	90007
Mailing Zip Code2	
Certification Type	DBE
EMail	MIRANDA@THREEWAYHAULING.COM
Contact Name	MARCO MIRANDA
Area Code	( 323 )
Phone Number	823-3847
Alt Area Code	( )
Alt Phone Number	
Fax Area Code	( 323 )
Fax Phone Number	730-1718
Agency Name	LOS ANGELES COUNTY METRO TRANSPORTATION AUTHORITY (MTA)
Counties	19; 30; 56;
Districts	07; 12;
DBE NAICS	484110; 484220; 488510; 562111; 562112;

**ACDBE NAICS**

Work Codes	C9774 TRUCKER; E4730 FREIGHT TRANSPORTATION ARRANGEMENT; E4953 WASTE COLLECTION AND DISPOSAL;
Licenses	
Trucks	STANDARD DUMP TRUCK - 3;
Gender	M
Ethnicity	HISPANIC
Firm Type	DBE

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[Back To Query Form](#)**Search Returned 1 Records**

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Certification Type	DBE
E-Mail	MIRANDA@THREEWAYHAULING.COM
Contact Name	MARCO MIRANDA
Area Code	( 323 )
Phone Number	823-3847
Alt Area Code	( )
Alt Phone Number	
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Trucks	STANDARD DUMP TRUCK - 3;
Gender	M
Ethnicity	HISPANIC
Firm Type	DBE

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STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION  
**DBE CONFIRMATION**  
DES-OE-0102 13 (NEW 05/2015)

Contract no.: 05-4482U4

Name of DBE business: Miranda Logistics Enterprise

Name of DBE representative: Marco Miranda

DBE certification number: 39978

Name of bidder: Rasmussen/Myers and Sons

Name of prime contractor if different from the bidder: \_\_\_\_\_

Name of representative of bidder or prime contractor: Eric Landegger, Chief Estimator

Date: 4/28/2016

Bid Item number	Item of work and description of services to be subcontracted or materials to be provided <sup>1</sup>	Amount (\$)
13, 38, 48, 53,	Trucking/Hauling K-Rail, Removals, Roadway	\$ 756,375. -
60-64, 69, 72-73,	Excavation, Structure Excavation & Backfill	
75-76 & 79		

<sup>1</sup>If 100% of an item is not to be performed or furnished by the DBE, describe the exact portion of the item to be performed or furnished.

Total \$ 756,375. -

As an authorized representative of a certified disadvantaged business enterprise, I confirm that my business was contacted by the bidder or prime contractor shown above regarding the contract shown above. If the bidder is awarded the contract, my business will enter into a contractual agreement with the bidder or prime contractor to perform the type and dollar amount of work shown on the DBE Commitment form.

I certify under penalty of perjury that the foregoing is true and correct.

Marco Miranda  
Signature of DBE's authorized representative:

**Marco Miranda**

Printed name of DBE's authorized representative:

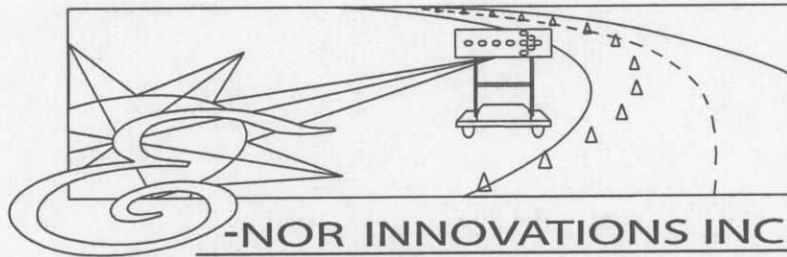
**President**

Title of DBE's authorized representative:

04/29/2016

Date:

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\$60,560

**-NOR INNOVATIONS INC.**

**DVBE/SBE CERTIFIED CO. LIC. #931953**

DBA: E-nor Traffic Control

16213 Illinois Ave. Paramount, CA 90723  
(310)513-6209 Ph. 310-513-6299 Fax

DVBE/SBE# 37084  
UDBE/DBE/MBE/SBE#37718  
Public Works DIR#1000007079

lane  
closures  
Item 5

**Date:** 4/26/2016 **To:** Bidding Estimator  
**PROJECT NUMBER:** 05-4482U4 (Caltrans) – BUILD/RECONSTRUCT BRIDGES  
**CONTRACTOR:** C. A. RASMUSSEN  
**Bid Date:** 4/27/2016 **BID TIME:** 2:00PM  
**ITEM DESCRIPTION COST**

**TRAFFIC CONTROL SYSTEMS.**

**MONDAY-FRIDAY**

**2MEN/1-2 LANES -300 CONES, 2A/B, 12 AWS, INCLUDES RUMBLE STRIPS PER DAY**

PER DAY.....1-2 LANES.....	8HR SHIFT	<u>\$1,500</u>
PER DAY/FLAGMAN CLOSURE/WITH RUMBLE STRIPS.....	8HR SHIFT	\$1,450
PER DAY/CONNECTOR CLOSURE.....	8HR SHIFT	\$1,500
PER DAY.....	10HR SHIFT	\$1,832
PER DAY.....	12HR SHIFT	\$2,264

**ADDITIONAL LANES AFTER 2 LANES ADD**

ADDITIONAL LANES	ADD	EACH	\$ 75
RAMP CLOSURE	ADD	EACH	\$ 50

**MONDAY-FRIDAY**

<b>1MAN/PILOT CAR/TRUCK</b>	<b>EACH</b>	<b>PER DAY</b>
PER DAY.....	8HR SHIFT	\$ 880
PER DAY.....	10HR SHIFT	\$1,096
PER DAY.....	12HR SHIFT	\$1,312

**MONDAY-FRIDAY**

<b>1MAN/ATTENUATOR TRUCK</b>	<b>EACH</b>	<b>PER DAY</b>
PER DAY.....	8HR SHIFT	<u>\$ 980</u>
PER DAY.....	10HR SHIFT	\$1,196
PER DAY.....	12HR SHIFT	\$1,412

**ATTENUATOR TRUCK ONLY: DAILY \$200 EA, WEEKLY \$1,000 EA, MONTHLY \$3,500 EA.**  
(.45 cent mileage charge)

**CMS UNITS DAILY \$200 EA, WEEKLY \$400 EA, MONTHLY \$850 EA**

**ARROWBOARD****DAILY \$40 EA, WEEKLY \$200 EA, MONTHLY \$400 EA,****DELIVERY  
PICK UP****EACH  
EACH****\$100  
\$100**

ALL PROVISIONS: WILL BE ADDED AS PART OF CONTRACT BEFORE PROCEEDING.

- A. NO CONTRACT WILL BE SIGNED UNLESS ALL PROVISION ARE INCLUDED.
- B. ADDITIONAL HOURS LABOR:  
OT PER MAN, PER HOUR \$108  
DT PER MAN, PER HOUR \$125
- C. E-NOR INNOVATIONS INC. IS A UNION CONTRACTOR.
- D. PAYMENT IS DUE WITHIN 30 DAYS FROM INVOICE DATE 1.5% MONTHLY FINANCE CHARGE AFTER 30 DAYS.
- E. IF REQUIRED ADDITIONAL EQUIPMENT (I.E. CHANGEABLE MESSAGE SIGN, ATTENUATOR TRUCK) TO BE PROVIDED BY E-NOR INNOVATIONS INC AT ADDITIONAL CHARGES.
- F. PRIME CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL PERMITS REQUIRED FROM CITIES INVOLVED.
- G. PRIME CONTRACTOR IS RESPONSIBLE TO COORDINATE AND PAY FOR HIGHWAY PATROL UNIT.
- H. ADDITIONAL 3 1/2 % INCREASE ADDED EVERY YEAR ON JUNE 30<sup>TH</sup>.  
THIS PROPOSAL WILL BECOME PART OF ANY CONTRACT.
- I. IF SPECIAL WORDING INSURANCE IS NEEDED THE AMOUNT TO BE PAID BY CONTRACTOR ALONG WITH WAIVERS OF SUBROGATION INSURANCE THE 3 % OF PAYROLL WILL BE CHARGED TO CONTRACTOR. IF NOTARY SERVICES ARE REQUIRED, PRIME CONTRACTOR IS RESPONSIBLE FOR THOSE CHARGES.
- K. EXCLUDES SPECIAL INSURANCE REQUIREMENTS. (I.E. INCREASED GENERAL LIABILITY FOR RAILROAD INSURANCE)
- L. IF EQUIPMENT IS RENTED FOR SET UP ONLY, CONTRACTOR IS RESPONSIBLE FOR CLOSURE UNTIL E-NOR INNOVATIONS INC. PICKS UP CLOSURE.
- M. ALL SIGN AND MARKER LOCATION / MARK-OUT TO BE DONE BY OTHERS AND MUST BE COMPLETED PRIOR TO E-NOR INNOVATIONS, INC. STARTING WORK. INC. IS NOT RESPONSIBLE FOR DAMAGE TO UNDERGROUND FACILITIES, NOT SHOWN ON PLANS OR, NOT MARKED OUT BY OTHER AGENCIES. (IE. CALTRANS)
- N. ALL CHANGE ORDER WORK MUST BE APPROVED BY AGENCY / OWNER PRIOR TO WORK BEING PERFORMED BY E-NOR INNOVATIONS INC.
- O. CONTRACTOR WILL BE CHARGED FOR ENOR INNOVATIONS INC. EMPLOYEES STAFF FOR ALL CLASSES/TRAINING FOR PROJECT.
- P. E-NOR INNOVATIONS INC. RESERVES RIGHT TO SUBCONTRACT WORK TO COMPLETE PROJECT.
- Q. NO WORK WILL BE PERFORMED UNTIL THIS PROPOSAL IS SIGNED AND FAXED/MAILED TO OUR PARAMOUNT OFFICE.
- R. E-NOR INNOVATIONS INC. CHARGES PORTAL TO PORTAL.
- S. E-NOR INNOVATIONS INC. IS A SUPPLIER OF NON-MANUFACTURED ITEMS
- T. K-RAIL, SALES OR RENTAL WITH INSTALLATION, IS AVAILABLE.

Should you have any questions, please contact me at (310) 513-6209. We look forward to working with you.

Sincerely,

David Frelow

1- 2 LANE (8 HR)  
+ ATTENUATOR (8HR)

$$\$1,500 + \$980 = \$2,480$$

1-2 LANE (10 HR)  
+ ATTENUATOR (10 HR)

$$\begin{aligned} \$1,832 + \$1,196 &= \$3,028 \\ \times 20 \text{ days} \\ \hline & \$60,560 \end{aligned}$$

## Danielle Tellez

---

**From:** David Frelow <David@enortraffic.com>  
**Sent:** Tuesday, April 26, 2016 1:38 PM  
**To:** Danielle Tellez; Bids  
**Subject:** ENOR Quote for Caltrans 05-4482U4  
**Attachments:** ENOR Quote - Caltrans.docx

Hello Danielle and Estimator,

Hope all is well. Attached please find a quote for the Caltrans 05-4482U4 project. Please feel free to contact me with any questions or concerns. Best of luck on awarding of this project.

Thank you,  
David Frelow  
E-NOR Traffic Control #931953  
Public & Labor Relations Manager  
16213 Illinois Avenue  
Paramount, CA 90723  
Cell: 562-719-6033  
[David@enortraffic.com](mailto:David@enortraffic.com)  
[www.enortraffic.com](http://www.enortraffic.com)  
DVBE \* DBE \* SBE \* MBE \* CPUC \* UDBE

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[Back To Query Form](#)**Search Returned 1 Records**

Tue Apr 26 13:41:00 PDT 2016

**Query Criteria**

Firm/DBA Name: e-nor

Firm Type: DBE

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<b>Firm ID</b>	37718
<b>Firm/DBA Name</b>	E-NOR INNOVATIONS INC.
<b>Address Line1</b>	16213 ILLINOIS AVENUE
<b>Address Line2</b>	
<b>City</b>	PARAMOUNT
<b>State</b>	CA
<b>Zip Code1</b>	90723
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	
<b>Mailing State</b>	
<b>Mailing Zip Code1</b>	
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>EMAIL</b>	ronnie@enortraffic.com
<b>Contact Name</b>	RONNIE JONES
<b>Area Code</b>	( 310 )
<b>Phone Number</b>	513-6209
<b>Alt Area Code</b>	( )
<b>Alt Phone Number</b>	
<b>Fax Area Code</b>	( 310 )
<b>Fax Phone Number</b>	513-6299
<b>Agency Name</b>	LOS ANGELES COUNTY METRO TRANSPORTATION AUTHORITY (MTA)
<b>Counties</b>	00;
<b>Districts</b>	00;
<b>DBE NAICS</b>	423990; 541340; 541620; 561990;

**ACDBE NAICS****Work Codes****Licenses****Trucks****Gender****Ethnicity****Firm Type**

C1200 CONSTRUCTION AREA SIGNS; C1201 TRAFFIC CONTROL SYSTEM; C8700 CONSULTANT, NON ENGINEERING; C8765 DRAFTING; C9999 BROKER; J9510 ENVIRONMENTAL QUALITY; C31 Construction Zone Traffic Control Contractor; D42 Sign Installation;

M  
BLACK  
DBE

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**DBE CONFIRMATION**  
DES-OE-0102.13 (NEW 05/2015)

Contract no.: 05-4482U4  
Name of DBE business: E-NOR Innovations  
Name of DBE representative:  
DBE certification number: 37718  
Name of bidder: Rasmussen/Myers and Sons  
Name of prime contractor if different from the bidder:  
Name of representative of bidder or prime contractor: Eric Landegger, Chief Estimator  
Date: 4/28/2016

Bid item number	Item of work and description of services to be subcontracted or materials to be provided <sup>1</sup>	Amount (\$)
5	lane closures (partial)	60,560.-

<sup>1</sup>If 100% of an item is not to be performed or furnished by the DBE, describe the exact portion of the item to be performed or furnished.

Total 60,560.-

As an authorized representative of a certified disadvantaged business enterprise, I confirm that my business was contacted by the bidder or prime contractor shown above regarding the contract shown above. If the bidder is awarded the contract, my business will enter into a contractual agreement with the bidder or prime contractor to perform the type and dollar amount of work shown on the DBE Commitment form.

I certify under penalty of perjury that the foregoing is true and correct.

*Kenneth Jones*  
Signature of DBE's authorized representative:

Kenneth Jones  
Printed name of DBE's authorized representative:

Estimator  
Title of DBE's authorized representative:

4-28-16  
Date:

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Contract No. 05-4482U4



2. List the names of certified DBEs and all the dates on which they were solicited to bid on this project. Include the items of work offered and the dates and methods used for following up initial and follow-up solicitations to determine with certainty whether the DBEs were interested. Attach copies of solicitations, e-mail messages, telephone records, fax confirmations, etc.

Name of DBE Solicited	Date of Initial Solicitation	Items of Work Offered	Follow Up Methods and Dates
See Attached Section 2.			

3. For each item of work made available, indicate whether the Bidder provided plans and specifications specific to the items of work being offered, list the selected firm and its status as a DBE, the DBEs that provided quotes, the price quote for each firm, and the price difference for each DBE if the selected firm is not a DBE. Provide copies of each DBE and Non-DBE quote submitted to the Bidder whenever a Non-DBE firm was selected over a DBE for work on the Contract.

Items of Work	Provided Plans/ Specifications for Work Offered Yes/No	Name of Selected Firm	DBE or Non-DBE	Name of Rejected Firm	Quote (\$)	Price Difference (\$)
	<input type="checkbox"/> YES <input type="checkbox"/> NO	See Attached Section 3.				
	<input type="checkbox"/> YES <input type="checkbox"/> NO					
	<input type="checkbox"/> YES <input type="checkbox"/> NO					
	<input type="checkbox"/> YES <input type="checkbox"/> NO					
	<input type="checkbox"/> YES <input type="checkbox"/> NO					
	<input type="checkbox"/> YES <input type="checkbox"/> NO					
	<input type="checkbox"/> YES <input type="checkbox"/> NO					
	<input type="checkbox"/> YES <input type="checkbox"/> NO					
	<input type="checkbox"/> YES <input type="checkbox"/> NO					

If the firm selected for the item is not a DBE, provide the reasons for the selection on a separate sheet and attach names, addresses, and phone numbers for the firms listed above. Provide evidence as to why additional agreements could not be reached for DBEs to perform work.



4. Describe the Bidder's outreach efforts to identify and solicit the interest of all certified DBEs that have the capability to perform the work of the Contract. Provide copies of supporting documents.

Description of Outreach	Dates	Location (if applicable)	Results
See Attached Section 4.			

5. Describe the Bidder's efforts made to provide interested DBEs with adequate information about the plans, specifications, and requirements of the Contract to assist them in responding to a solicitation. Identify the DBEs assisted, the type of information provided, and the date of the contracts. Provide copies of supporting documents.

See Attached Section 5.

6. Describe the Bidder's efforts made to assist interested DBEs in obtaining bonding, lines of credit, or insurance. Identify the DBEs assisted, the type of assistance offered, and the dates. Provide copies of supporting documents.

See Attached Section 6.

7. Describe the Bidder's efforts made to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services, excluding supplies and equipment the DBE purchases or leases from the prime contractor or its affiliate. Identify the DBEs assisted, the type of assistance offered, and the dates. Provide copies of supporting documents. List efforts made to assist interested DBEs in obtaining bonding, lines of credit, insurance, necessary equipment, supplies, materials, or related assistance or services, excluding supplies and equipment the DBE subcontractor purchases or leases from the prime contractor or its affiliate. Identify the DBE assisted, the assistance offered, and the date. Provide copies of supporting documents.

See Attached Section 7.

8. List the names of agencies and the dates on which they were contacted to provide assistance in contacting, recruiting, and using DBE firms. If the agencies were contacted in writing, provide copies of supporting documents.

See Attached Section 8.

9. Include additional data to support a demonstration of good faith efforts.

See Attached Section 9.

**NOTE:** USE ADDITIONAL SHEETS OF PAPER IF NECESSARY.

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# **Good Faith Effort Documentation**

for

**Caltrans 05-4482U4**

**Bid Date & Time: 4/27/2016 @ 2 pm**

- SECTION 1:** Items of work made available to DBE firms
- SECTION 2:** Names of certified DBEs and all the dates on which they were solicited.
- SECTION 3:** Selected and Rejected DBE firms and the offer of assistance to DBEs in obtaining plans and specifications specific to the items of work offered.
- SECTION 4:** Names and Dates of advertisements/Publications-outreach efforts to solicit the interest of all DBEs capable to perform the work of the Contract.
- SECTION 5:** Offer of assistance to DBEs in obtaining adequate information about the plans, specifications, and requirements of the contract
- SECTION 6:** Offer of assistance to DBEs in obtaining bonding, lines of credit and insurance
- SECTION 7:** Offer of assistance to DBEs in obtaining necessary equipment, suppliers, materials or related assistance or services
- SECTION 8:** Names of agencies contacted to provide assistance in recruiting DBE firms, and results of contact
- SECTION 9:** Additional information

**SECTION 1:**  
**Items of work made available to DBE  
firms**

## SECTION NO. 1

Items of Work Made Available to Subs

BIDDER: Rasmussen/Myers and Sons

PROJECT NAME: Construction on State Highway in Santa Barbara County in Carpinteria from 0.2 mile South of Carpinteria Creek Bridge to Franklin Creek Bridge in District 05 on Route 101 - 05-SB-101-2.2/3.3 - Project ID 0500000543 - ACNHP-Q101(290)E

CONTRACT NO.: 05-4482U4

Owner: Caltrans

Item of Work Offered	Bidder Normally Performs Item?		Item Broken Down to Facilitate Participation?		Established Flexible Timeframes for Performance & Delivery Schedules		Amount (\$)	Percentage of Total Bid
	Y	N	Y	N	Y	N		
LEAD COMPLIANCE PLAN		X	X		X		\$5,000.00	0.0%
PROGRESS SCHEDULE (CRITICAL PATH METHOD)	X		X		X		\$15,000.00	0.0%
CONSTRUCTION AREA SIGNS		X	X		X		\$121,000.00	0.2%
TRAFFIC CONTROL SYSTEM	X		X		X		\$353,000.00	0.6%
TYPE III BARRICADE	X		X		X		\$6,050.00	0.0%
TEMPORARY PAVEMENT MARKING (PAINT)		X	X		X		\$1,743.00	0.0%
TEMPORARY TRAFFIC STRIPE (TAPE)		X	X		X		\$11,719.20	0.0%
TEMPORARY TRAFFIC STRIPE (PAINT)		X	X		X		\$48,090.00	0.1%
CHANNELIZER (SURFACE MOUNTED)	X		X		X		\$37,600.00	0.1%
TEMPORARY PAVEMENT MARKER		X	X		X		\$11,563.00	0.0%
PORTABLE CHANGEABLE MESSAGE SIGN (LS)	X		X		X		\$42,000.00	0.1%
TEMPORARY RAILING (TYPE K)	X		X		X		\$804,100.00	1.5%
TEMPORARY CRASH CUSHION MODULE		X	X		X		\$90,000.00	0.2%
TEMPORARY ALTERNATIVE CRASH CUSHION		X	X		X		\$43,700.00	0.1%
JOB SITE MANAGEMENT	X		X		X		\$204,000.00	0.4%
PREPARE STORM WATER POLLUTION PREVENTION PLAN	X		X		X		\$1,300.00	0.0%
RAIN EVENT ACTION PLAN	X		X		X		\$55,000.00	0.1%
STORM WATER SAMPLING AND ANALYSIS DAY	X		X		X		\$13,500.00	0.0%
STORM WATER ANNUAL REPORT	X		X		X		\$10,000.00	0.0%
MOVE-IN/MOVE-OUT (TEMPORARY EROSION CONTROL)		X	X		X		\$2,000.00	0.0%
TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)		X	X		X		\$104,000.00	0.2%
TEMPORARY CHECK DAM	X		X		X		\$4,590.00	0.0%
TEMPORARY DRAINAGE INLET PROTECTION	X		X		X		\$22,400.00	0.0%
TEMPORARY FIBER ROLL	X		X		X		\$64,000.00	0.1%
TEMPORARY GRAVEL BAG BERM	X		X		X		\$38,000.00	0.1%
TEMPORARY LARGE SEDIMENT BARRIER	X		X		X		\$6,450.00	0.0%
TEMPORARY CONSTRUCTION ENTRANCE	X		X		X		\$31,000.00	0.1%
STREET SWEEPING	X		X		X		\$76,000.00	0.1%
TEMPORARY CONCRETE WASHOUT	X		X		X		\$20,000.00	0.0%
TEMPORARY FENCE (TYPE ESA)	X		X		X		\$11,250.00	0.0%
REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)		X	X		X		\$10,295.00	0.0%
ADL BURIAL LOCATION REPORT		X	X		X		\$5,000.00	0.0%
TREATED WOOD WASTE		X	X		X		\$83,824.00	0.2%
BIRD EXCLUSION DEVICES	X		X		X		\$15,000.00	0.0%
ABANDON CULVERT (EA)	X		X		X		\$9,660.00	0.0%
DESTROY WELL		X	X		X		\$21,000.00	0.0%
REMOVE WOOD FENCE	X		X		X		\$1,430.00	0.0%
REMOVE CHAIN LINK FENCE	X		X		X		\$44,225.00	0.1%
REMOVE GATE	X		X		X		\$1,240.00	0.0%
REMOVE BARRIER	X		X		X		\$69,580.00	0.1%
REMOVE GUARDRAIL	X		X		X		\$16,744.00	0.0%
REMOVE PAINTED TRAFFIC STRIPE		X	X		X		\$39,370.00	0.1%
REMOVE THERMOPLASTIC TRAFFIC STRIPE		X	X		X		\$8,528.00	0.0%
REMOVE PAVEMENT MARKER		X	X		X		\$4,140.60	0.0%
REMOVE ROADSIDE SIGN	X		X		X		\$9,600.00	0.0%
REMOVE ROADSIDE SIGN (STRAP AND SADDLE BRACKET METHOD)	X		X		X		\$696.00	0.0%
REMOVE ASPHALT CONCRETE DIKE	X		X		X		\$3,888.00	0.0%
REMOVE CULVERT (LF)	X		X		X		\$98,550.00	0.2%
REMOVE INLET	X		X		X		\$31,080.00	0.1%
REMOVE HEADWALL	X		X		X		\$2,900.00	0.0%
REMOVE ASPHALT CONCRETE SURFACING	X		X		X		\$4,575.00	0.0%
REMOVE BASE AND SURFACING	X		X		X		\$861.00	0.0%
RESET ROADSIDE SIGN		X	X		X		\$2,040.00	0.0%
RELOCATE ROADSIDE SIGN		X	X		X		\$3,570.00	0.0%
ADJUST MANHOLE TO GRADE		X	X		X		\$21,280.00	0.0%
ADJUST UTILITY COVER TO GRADE		X	X		X		\$27,200.00	0.0%
MODIFY MANHOLE		X	X		X		\$11,230.00	0.0%
COLD PLANE ASPHALT CONCRETE PAVEMENT	X		X		X		\$16,461.00	0.0%
REMOVE CONCRETE CURB (LF)	X		X		X		\$11,934.00	0.0%
REMOVE CONCRETE ISLAND (PORTIONS) (SQYD)	X		X		X		\$1,900.00	0.0%
REMOVE CONCRETE (CHANNEL)	X		X		X		\$11,890.00	0.0%



Item of Work Offered	Bidder Normally Performs Item?		Item Broken Down to Facilitate Participation?		Established Flexible Timeframes for Performance & Delivery Schedules		Amount (\$)	Percentage of Total Bid
	Y	N	Y	N	Y	N		
REMOVE CONCRETE (CURB, GUTTER, AND SIDEWALK) (LF)	X		X		X		\$39,000.00	0.1%
REMOVE CONCRETE (MISCELLANEOUS) (CY)	X		X		X		\$46,200.00	0.1%
SAND BACKFILL	X		X		X		\$40,670.00	0.1%
BRIDGE REMOVAL, LOCATION A		X	X		X		\$500,000.00	0.9%
BRIDGE REMOVAL, LOCATION B		X	X		X		\$225,000.00	0.4%
BRIDGE REMOVAL, LOCATION C		X	X		X		\$210,000.00	0.4%
CLEARING AND GRUBBING (LS)		X	X		X		\$353,000.00	0.6%
DEVELOP WATER SUPPLY	X		X		X		\$114,100.00	0.2%
DUST PALLIATIVE		X	X		X		\$10,204.82	0.0%
ROADWAY EXCAVATION	X		X		X		\$2,334,500.00	4.2%
RDWY EXC (TYPE Y-1) (AERIAL DEP LEAD)	X		X		X		\$246,000.00	0.4%
F - STRUCTURE EXCAVATION (BRIDGE)	X		X		X		\$341,640.00	0.6%
F - STRUCTURE EXCAVATION (TYPE D)	X		X		X		\$281,372.30	0.5%
F - STRUCTURE EXCAVATION (RETAINING WALL)	X		X		X		\$76,087.20	0.1%
F - PERMEABLE MATTRESS	X		X		X		\$127,855.00	0.2%
F - STRUCTURE BACKFILL (BRIDGE)	X		X		X		\$253,330.00	0.5%
F - STRUCTURE BACKFILL (RETAINING WALL)	X		X		X		\$422,016.00	0.8%
F - PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	X		X		X		\$17,680.00	0.0%
IMPORTED BORROW (CY)	X		X		X		\$54,360.00	0.1%
SUBGRADE ENHANCEMENT GEOTEXTILE, CLASS B3	X		X		X		\$231.00	0.0%
ROCK BLANKET	X		X		X		\$20,498.00	0.0%
LIVE SILTATION		X	X		X		\$44,100.00	0.1%
WILLOW POLES		X	X		X		\$38,000.00	0.1%
BRUSH LAYERING		X	X		X		\$14,400.00	0.0%
PLANT ESTABLISHMENT WORK		X	X		X		\$23,000.00	0.0%
TREE GRATE		X	X		X		\$42,000.00	0.1%
F - 3" SUPPLY LINE (BRIDGE)		X	X		X		\$77,700.00	0.1%
F - 1" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)		X	X		X		\$2,664.00	0.0%
F - 2" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)		X	X		X		\$36,480.00	0.1%
F - 3" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)		X	X		X		\$18,900.00	0.0%
2" SPRINKLER CONTROL CONDUIT		X	X		X		\$26,780.00	0.0%
6" SCHEDULE 40 PIPE CONDUIT		X	X		X		\$15,750.00	0.0%
8" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	X		X		X		\$57,000.00	0.1%
10" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	X		X		X		\$45,000.00	0.1%
12" WELDED STEEL PIPE CONDUIT		X	X		X		\$7,085.00	0.0%
MOVE-IN/MOVE-OUT (EROSION CONTROL)		X	X		X		\$1,860.00	0.0%
IMPORTED TOPSOIL (CY)	X		X		X		\$28,820.00	0.1%
DUFF	X		X		X		\$18,810.00	0.0%
EROSION CONTROL (DRY SEED) (SQFT)		X	X		X		\$11,650.00	0.0%
HYDROMULCH		X	X		X		\$17,910.00	0.0%
COMPOST BERM		X	X		X		\$87,120.00	0.2%
STRAW		X	X		X		\$13,650.00	0.0%
HYDROSEED		X	X		X		\$41,790.00	0.1%
COMPOST (TYPE 1)		X	X		X		\$68,160.00	0.1%
COMPOST (TYPE 2)		X	X		X		\$104,650.00	0.2%
INCORPORATE MATERIALS		X	X		X		\$15,620.00	0.0%
CLASS 1 AGGREGATE SUBBASE	X		X		X		\$995,300.00	1.8%
CLASS 2 AGGREGATE BASE (CY)	X		X		X		\$704,000.00	1.3%
LEAN CONCRETE BASE RAPID SETTING	X		X		X		\$629,100.00	1.1%
BASE BOND BREAKER	X		X		X		\$1,168.00	0.0%
PREPAVING INERTIAL PROFILER		X	X		X		\$5,000.00	0.0%
HOT MIX ASPHALT (TYPE A)	X		X		X		\$2,082,800.00	3.8%
DATA CORE		X	X		X		\$2,600.00	0.0%
PLACE HOT MIX ASPHALT DIKE (TYPE A)		X	X		X		\$1,005.00	0.0%
PLACE HOT MIX ASPHALT DIKE (TYPE E)		X	X		X		\$13,596.00	0.0%
PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	X		X		X		\$4,560.00	0.0%
TACK COAT		X	X		X		\$40,000.00	0.1%
CONTINUOUSLY REINF CONC PVMT		X	X		X		\$4,203,600.00	7.6%
JOINTED PLAIN CONCRETE PAVEMENT	X		X		X		\$26,400.00	0.0%
F - MECHANICALLY STABILIZED EMBANK (MOD), LOC A	X		X		X		\$288,300.00	0.5%
F - MECHANICALLY STABILIZED EMBANK (MOD), LOC B	X		X		X		\$102,856.00	0.2%
TEMPORARY SUPPORT	X		X		X		\$50,000.00	0.1%
TEMPORARY PEDESTRIAN WALKWAY	X		X		X		\$100,000.00	0.2%
FURNISH 48" STEEL PIPE PILING		X	X		X		\$138,225.00	0.3%
DRIVE 48" STEEL PIPE PILING		X	X		X		\$100,000.00	0.2%
FURNISH PILING (CLASS 140) (ALTERNATIVE W)		X	X		X		\$14,190.00	0.0%
DRIVE PILE (CLASS 140) (ALTERNATIVE W)		X	X		X		\$22,000.00	0.0%
FURNISH PILING (CLASS 200) (ALTERNATIVE W)		X	X		X		\$1,043,575.00	1.9%
DRIVE PILE (CLASS 200) (ALTERNATIVE W)		X	X		X		\$588,900.00	1.1%
FURNISH 78" CAST-IN-STEEL-SHELL CONCRETE PILING		X	X		X		\$784,000.00	1.4%

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	Y	N	Y	N	Y	N		
DRIVE 78" CAST-IN-STEEL-SHELL CONCRETE PILING		X	X		X		\$1,150,000.00	2.1%
24" CAST-IN-DRILLED-HOLE CONCRETE PILING (SOUND WALL)		X	X		X		\$391,820.00	0.7%
60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)		X	X		X		\$23,000.00	0.0%
PRESTRESSING CAST-IN-PLACE CONCRETE		X	X		X		\$465,000.00	0.8%
F - STRUCTURAL CONCRETE, BRIDGE FOOTING	X		X		X		\$399,740.00	0.7%
F - STRUCTURAL CONCRETE, BRIDGE	X		X		X		\$4,707,000.00	8.5%
F - STRUCTURAL CONCRETE, BRIDGE (POLYMER FIBER)	X		X		X		\$1,298,700.00	2.4%
F - STRUCTURAL CONCRETE, RETAINING WALL	X		X		X		\$1,441,625.00	2.6%
F - STRUCTURAL CONCRETE, SOUND WALL	X		X		X		\$234,360.00	0.4%
F - STRUCTURAL CONCRETE, BARRIER SLAB	X		X		X		\$185,400.00	0.3%
F - STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	X		X		X		\$409,200.00	0.7%
F - STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N MODIFIED)	X		X		X		\$80,750.00	0.1%
F - STRUCTURAL CONCRETE, BOX CULVERT	X		X		X		\$115,166.00	0.2%
F - STRUCTURAL CONCRETE, HEADWALL	X		X		X		\$124,832.00	0.2%
F - MINOR CONCRETE (MINOR STRUCTURE)	X		X		X		\$1,054,080.00	1.9%
F - MINOR CONCRETE (BRIDGE PLANTER)	X		X		X		\$28,000.00	0.1%
F - IN-AND-OUT BLOCK TEXTURE	X		X		X		\$164,700.00	0.3%
F - SPLIT FACE TEXTURE	X		X		X		\$408,060.00	0.7%
JOINT SEAL (MR 1")		X	X		X		\$16,440.00	0.0%
JOINT SEAL (MR 1 1/2")		X	X		X		\$12,285.00	0.0%
JOINT SEAL (MR 2")		X	X		X		\$11,880.00	0.0%
F - BAR REINFORCING STEEL		X	X		X		\$38,178.00	0.1%
F - BAR REINFORCING STEEL (BRIDGE)		X	X		X		\$1,810,357.00	3.3%
F - BAR REINFORCING STEEL (RETAINING WALL)		X	X		X		\$345,759.00	0.6%
F - BAR REINFORCING STEEL (SOUND WALL PILE)		X	X		X		\$74,142.90	0.1%
ASPHALT MEMBRANE WATERPROOFING		X	X		X		\$9,150.00	0.0%
F - FURNISH SIGN STRUCTURE (TRUSS)		X	X		X		\$72,160.00	0.1%
F - INSTALL SIGN STRUCTURE (TRUSS)		X	X		X		\$5,808.00	0.0%
FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)		X	X		X		\$8,640.00	0.0%
FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)		X	X		X		\$1,700.00	0.0%
ROADSIDE SIGN - ONE POST		X	X		X		\$40,320.00	0.1%
ROADSIDE SIGN - TWO POST		X	X		X		\$4,980.00	0.0%
INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)		X	X		X		\$320.00	0.0%
INSTALL ROADSIDE SIGN PANEL ON EXISTING POST		X	X		X		\$246.00	0.0%
INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST)		X	X		X		\$7,497.00	0.0%
FURN LAM PANEL SIGN (1"-TYPE A) RETROREFL SHEETING (TYPE XI)		X	X		X		\$3,920.00	0.0%
FURN LAM PANEL SIGN (1"-TYPE B) RETROREFL SHEETING (TYPE XI)		X	X		X		\$11,890.00	0.0%
FURN LAM PANEL SIGN (2 1/2"-TYPE B) RETROREFL SHEETING (TYPE XI)		X	X		X		\$22,570.00	0.0%
FURN SINGLE SHT ALUM SIGN (0.063"-UNFR) RETRO SHEETING (TYPE XI)		X	X		X		\$6,800.00	0.0%
FURN SINGLE SHT ALUM SIGN (0.080"-UNFR) RETRO SHEETING (TYPE XI)		X	X		X		\$5,610.00	0.0%
FURN SINGLE SHEET ALUM SIGN (0.063" - FRAM) FOR RETRO SHTING (TYPE XI)		X	X		X		\$1,980.00	0.0%
FURN SINGLE SHEET ALUM SIGN (0.080" -FRAM) FOR RETRO SHTING (TYPE XI)		X	X		X		\$1,159.00	0.0%
RETROREFLECTIVE SHEETING (TYPE XI)		X	X		X		\$14,400.00	0.0%
F - SOUND WALL (MASONRY BLOCK)		X	X		X		\$1,328,460.00	2.4%
ROCK STAIN		X	X		X		\$30,315.00	0.1%
PREPARE AND PAINT CONCRETE		X	X		X		\$2,660.00	0.0%
PREPARE AND STAIN CONCRETE		X	X		X		\$24,416.00	0.0%
18" ALTERNATIVE PIPE CULVERT		X	X		X		\$20,930.00	0.0%
24" ALTERNATIVE PIPE CULVERT		X	X		X		\$801,800.00	1.5%
36" ALTERNATIVE PIPE CULVERT		X	X		X		\$573,600.00	1.0%
42" ALTERNATIVE PIPE CULVERT		X	X		X		\$137,600.00	0.2%
48" ALTERNATIVE PIPE CULVERT		X	X		X		\$117,300.00	0.2%
54" ALTERNATIVE PIPE CULVERT		X	X		X		\$91,200.00	0.2%
60" ALTERNATIVE PIPE CULVERT		X	X		X		\$372,600.00	0.7%
CONCRETE BACKFILL (PIPE TRENCH)		X	X		X		\$13,160.00	0.0%
3" PLASTIC PIPE UNDERDRAIN	X		X		X		\$7,650.00	0.0%
3" PLASTIC PIPE (EDGE DRAIN OUTLET)	X		X		X		\$5,200.00	0.0%
CLASS 3 PERMEABLE MATERIAL (BLANKET)	X		X		X		\$5,412.00	0.0%
WING-GATE (AUTOMATIC RETRACTABLE SYSTEM)		X	X		X		\$34,810.00	0.1%
CONNECTOR PIPE SCREEN		X	X		X		\$4,410.00	0.0%
DRAINAGE INLET MARKER		X	X		X		\$5,740.00	0.0%
WELDED STEEL PIPE CASING (BRIDGE)		X	X		X		\$58,750.00	0.1%
8" WELDED STEEL PIPE		X	X		X		\$26,520.00	0.0%
24" ALTERNATIVE FLARED END SECTION		X	X		X		\$8,800.00	0.0%
36" ALTERNATIVE FLARED END SECTION		X	X		X		\$1,400.00	0.0%
36" PRECAST CONCRETE PIPE INLET		X	X		X		\$22,000.00	0.0%
ROCK SLOPE PROTECTION (1/4 T, METHOD A) (CY)	X		X		X		\$247,000.00	0.4%
ROCK SLOPE PROTECTION (1/4 T, METHOD B) (CY)	X		X		X		\$38,270.00	0.1%
ROCK SLOPE PROTECTION (FACING, METHOD B) (CY)	X		X		X		\$244,831.00	0.4%
SLOPE PAVING (IN-AND-OUT BLOCK TEXTURE CONCRETE)	X		X		X		\$155,750.00	0.3%

Item of Work Offered	Bidder Normally Performs Item?		Item Broken Down to Facilitate Participation?		Established Flexible Timeframes for Performance & Delivery Schedules		Amount (\$)	Percentage of Total Bid
	Y	N	Y	N	Y	N		
ROCK SLOPE PROTECTION FABRIC (CLASS 8)	X		X		X		\$10,192.00	0.0%
MINOR CONCRETE (CURB) (LF)	X		X		X		\$5,661.00	0.0%
MINOR CONCRETE (CURB) (CY)	X		X		X		\$127,400.00	0.2%
MINOR CONCRETE (GUTTER) (LF)	X		X		X		\$61,440.00	0.1%
MINOR CONCRETE (GUTTER) (CY)	X		X		X		\$26,880.00	0.0%
DETECTABLE WARNING SURFACE	X		X		X		\$28,000.00	0.1%
MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	X		X		X		\$60,140.00	0.1%
MINOR CONCRETE (GUTTER DEPRESSION)	X		X		X		\$21,760.00	0.0%
MINOR CONCRETE (EXPOSED AGGREGATE CONCRETE)	X		X		X		\$55,638.00	0.1%
MINOR CONCRETE (DRIVEWAY)	X		X		X		\$10,660.00	0.0%
MINOR CONCRETE (SIDEWALK)	X		X		X		\$122,500.00	0.2%
MINOR CONCRETE (CURB RAMP)	X		X		X		\$49,500.00	0.1%
MINOR CONCRETE (BUS POCKET)	X		X		X		\$7,920.00	0.0%
MINOR CONCRETE (STAIRCASE)	X		X		X		\$24,200.00	0.0%
F - MISCELLANEOUS IRON AND STEEL	X		X		X		\$88,005.60	0.2%
F - MISCELLANEOUS METAL (BRIDGE)	X		X		X		\$14,160.00	0.0%
F - BRIDGE PLANTER DRAINAGE SYSTEM	X		X		X		\$60,500.00	0.1%
F - BRIDGE DECK DRAINAGE SYSTEM	X		X		X		\$192,160.00	0.3%
SANITARY SEWER FACILITIES		X	X		X		\$107,000.00	0.2%
24" WELDED STEEL PIPE (0.5" THICK) TRENCHLESS INSTALLATION		X	X		X		\$53,100.00	0.1%
36" WELDED STEEL PIPE (0.5" THICK) TRENCHLESS INSTALLATION		X	X		X		\$61,600.00	0.1%
BUS SHELTER	X		X		X		\$20,000.00	0.0%
TEMPORARY FENCE (TYPE CL-6)	X		X		X		\$34,892.00	0.1%
CHAIN LINK FENCE (TYPE CL-4, VINYL-CLAD)		X	X		X		\$23,020.80	0.0%
CHAIN LINK FENCE (TYPE CL-6, VINYL-CLAD)		X	X		X		\$84,550.00	0.2%
CHAIN LINK FENCE (TYPE CL-8, BW POST TOP VINYL-CLAD)		X	X		X		\$11,590.00	0.0%
12' CHAIN LINK GATE (TYPE CL-6, VINYL-CLAD)		X	X		X		\$6,582.00	0.0%
SURVEY MONUMENT (TYPE A)		X	X		X		\$2,500.00	0.0%
DELINEATOR (CLASS 1)		X	X		X		\$5,330.00	0.0%
GUARD RAILING DELINEATOR		X	X		X		\$2,310.00	0.0%
OBJECT MARKER		X	X		X		\$2,911.00	0.0%
OBJECT MARKER (TYPE P)		X	X		X		\$2,291.00	0.0%
MIDWEST GUARDRAIL SYSTEM (8' POST)		X	X		X		\$143,190.00	0.3%
VEGETATION CONTROL (MINOR CONCRETE)	X		X		X		\$65,520.00	0.1%
PICKET FENCE RAILING		X	X		X		\$373,015.00	0.7%
F - TUBULAR BICYCLE RAILING		X	X		X		\$24,888.00	0.0%
SINGLE THRIE BEAM BARRIER (STEEL POST)		X	X		X		\$157,790.00	0.3%
HANDRAILING		X	X		X		\$14,861.00	0.0%
F - CABLE RAILING		X	X		X		\$16,560.00	0.0%
TRANSITION RAILING (TYPE STB)		X	X		X		\$7,260.00	0.0%
TRANSITION RAILING (TYPE WB-31)		X	X		X		\$20,340.00	0.0%
END ANCHOR ASSEMBLY (TYPE SFT)		X	X		X		\$2,130.00	0.0%
ALTERNATIVE IN-LINE TERMINAL SYSTEM		X	X		X		\$15,800.00	0.0%
ALTERNATIVE FLARED TERMINAL SYSTEM		X	X		X		\$4,900.00	0.0%
ALTERNATIVE CRASH CUSHION SYSTEM		X	X		X		\$70,800.00	0.1%
CONCRETE BARRIER (TYPE 736B MODIFIED)	X		X		X		\$45,000.00	0.1%
CONCRETE BARRIER (TYPE 732B MODIFIED)	X		X		X		\$6,650.00	0.0%
CONCRETE BARRIER (TYPE 60F)		X	X		X		\$66,980.00	0.1%
CONCRETE BARRIER (TYPE 60)		X	X		X		\$394,830.00	0.7%
CONCRETE BARRIER (TYPE 60C)		X	X		X		\$103,360.00	0.2%
CONCRETE BARRIER (TYPE 60D MODIFIED)		X	X		X		\$30,191.00	0.1%
CONCRETE BARRIER (TYPE 60 MODIFIED)		X	X		X		\$44,400.00	0.1%
F - CONCRETE BARRIER (TYPE 80A MODIFIED)	X		X		X		\$69,300.00	0.1%
F - CONCRETE BARRIER (TYPE 80SW MODIFIED)	X		X		X		\$552,500.00	1.0%
F - CONCRETE BARRIER (TYPE 80 MODIFIED)	X		X		X		\$591,600.00	1.1%
F - CONCRETE BARRIER (TYPE 736 MODIFIED)	X		X		X		\$168,295.00	0.3%
CONCRETE BARRIER (TYPE 60 TRANSITION MODIFIED)		X	X		X		\$4,170.00	0.0%
4" THERMOPLASTIC TRAFFIC STRIPE		X	X		X		\$5,320.00	0.0%
6" THERMOPLASTIC TRAFFIC STRIPE		X	X		X		\$4,687.00	0.0%
8" THERMOPLASTIC TRAFFIC STRIPE		X	X		X		\$1,280.00	0.0%
THERMOPLASTIC PAVEMENT MARKING		X	X		X		\$16,740.00	0.0%
THERMOPLASTIC PAVEMENT MARKING (ENHANCED WET NIGHT VISIBILITY)		X	X		X		\$6,552.00	0.0%
4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 6-1)		X	X		X		\$231.00	0.0%
4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)		X	X		X		\$507.50	0.0%
4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)		X	X		X		\$66.50	0.0%
4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)		X	X		X		\$14,319.00	0.0%
4" THERMO TRAFFIC STRIPE (WET NIGHT VISIBILITY) (BROKEN 17-7)		X	X		X		\$255.50	0.0%
4" THERMO TRAFFIC STRIPE (WET NIGHT VISIBILITY) (BROKEN 36-12)		X	X		X		\$4,795.00	0.0%
8" THERMO TRAFFIC STRIPE (WET NIGHT VISIBILITY)		X	X		X		\$7,560.00	0.0%
PAVEMENT MARKER (NON-REFLECTIVE)		X	X		X		\$1,740.00	0.0%



Item of Work Offered	Bidder Normally Performs Item?		Item Broken Down to Facilitate Participation?		Established Flexible Timeframes for Performance & Delivery Schedules		Amount (\$)	Percentage of Total Bid
	Y	N	Y	N	Y	N		
PAVEMENT MARKER (RETROREFLECTIVE)		X	X		X		\$5,146.00	0.0%
MAINT EXIST TRAFFIC MNGT SYST ELEMENTS DURING CONSTRUCTION		X	X		X		\$3,600.00	0.0%
SIGNAL AND LIGHTING (LOCATION 1)		X	X		X		\$107,500.00	0.2%
SIGNAL AND LIGHTING (LOCATION 2)		X	X		X		\$125,700.00	0.2%
SIGNAL AND LIGHTING (LOCATION 3)		X	X		X		\$145,100.00	0.3%
SIGNAL AND LIGHTING (LOCATION 4)		X	X		X		\$128,600.00	0.2%
SIGNAL AND LIGHTING (CITY)		X	X		X		\$127,000.00	0.2%
LIGHTING		X	X		X		\$128,600.00	0.2%
LIGHTING (CITY STREET)		X	X		X		\$368,400.00	0.7%
REDWOOD COVER		X	X		X		\$1,460.00	0.0%
POST SLEEVE		X	X		X		\$309.00	0.0%
TRAFFIC OPERATION SYSTEMS		X	X		X		\$79,300.00	0.1%
MOBILIZATION	X		X		X		\$4,500,000.00	8.2%

Total Amount Made Available \$51,111,265.92 92.74%  
 Total Bid Amount \$ 55,111,265.92  
 DBE Goal 13%  
 DBE Goal Amount (13% of Total Bid) \$ 7,164,464.57

Total Bid Amount \$ 55,111,265.92  
 DBE Goal 13%  
 DBE Goal Amount (13% of Total Bid) \$ 7,164,464.57



please highlight items for DBE participation

13%  
DBE

BID ITEM LIST

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity
1	070030	LEAD COMPLIANCE PLAN	LS	LUMP SUM
2	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM
3	090100	TIME-RELATED OVERHEAD (WDAY)	WDAY	1,000
4	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM
5	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM
6	120120	TYPE III BARRICADE	EA	110
7	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	830
8	120151	TEMPORARY TRAFFIC STRIPE (TAPE)	LF	7,710
9	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	229,000
10	120165	CHANNELIZER (SURFACE MOUNTED)	EA	940
11	120300	TEMPORARY PAVEMENT MARKER	EA	3,730
12	128652	PORTABLE CHANGEABLE MESSAGE SIGN (LS)	LS	LUMP SUM
13	129000	TEMPORARY RAILING (TYPE K)	LF	73,100
14	129100	TEMPORARY CRASH CUSHION MODULE	EA	450
15	030789	TEMPORARY ALTERNATIVE CRASH CUSHION	EA	19
16	130100	JOB SITE MANAGEMENT	LS	LUMP SUM
17	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM
18	130310	RAIN EVENT ACTION PLAN	EA	110
19	130320	STORM WATER SAMPLING AND ANALYSIS DAY	EA	54
20	130330	STORM WATER ANNUAL REPORT	EA	5

Wf

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity
21	130505	MOVE-IN/MOVE-OUT (TEMPORARY EROSION CONTROL)	EA	20
22	130530	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	SQYD	200,000
23	130610	TEMPORARY CHECK DAM	LF	900
24	130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	140
25	130640	TEMPORARY FIBER ROLL	LF	25,600
26	130650	TEMPORARY GRAVEL BAG BERM	LF	10,000
27	130660	TEMPORARY LARGE SEDIMENT BARRIER	LF	1,500
28	130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	10
29	130730	STREET SWEEPING	LS	LUMP SUM
30	130900	TEMPORARY CONCRETE WASHOUT	LS	LUMP SUM
31	141000	TEMPORARY FENCE (TYPE ESA)	LF	3,750
32	141103	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	14,500
33	141109	ADL BURIAL LOCATION REPORT	LS	LUMP SUM
34	141120	TREATED WOOD WASTE	LB	5,410
35	030790	BIRD EXCLUSION DEVICES	LS	LUMP SUM
36	150203	ABANDON CULVERT (EA)	EA	21
37	150230	DESTROY WELL	EA	1
38	150604	REMOVE WOOD FENCE	LF	220
39	150608	REMOVE CHAIN LINK FENCE	LF	7,250
40	150620	REMOVE GATE	EA	4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity
41	150655	REMOVE BARRIER	LF	9,800
42	150661	REMOVE GUARDRAIL	LF	1,840
43	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	127,000
44	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	20,800
45	150722	REMOVE PAVEMENT MARKER	EA	4,020
46	150742	REMOVE ROADSIDE SIGN	EA	100
47	150747	REMOVE ROADSIDE SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	8
48	150771	REMOVE ASPHALT CONCRETE DIKE	LF	2,160
49	150809	REMOVE CULVERT (LF)	LF	2,190
50	150820	REMOVE INLET	EA	37
51	150821	REMOVE HEADWALL	EA	5
52	150857	REMOVE ASPHALT CONCRETE SURFACING	SQFT	3,050
53	150860	REMOVE BASE AND SURFACING	CY	41
54	152320	RESET ROADSIDE SIGN	EA	8
55	152390	RELOCATE ROADSIDE SIGN	EA	14
56	152440	ADJUST MANHOLE TO GRADE	EA	19
57	152469	ADJUST UTILITY COVER TO GRADE	EA	20
58	152610	MODIFY MANHOLE	EA	1
59	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	2,790
60	153130	REMOVE CONCRETE CURB (LF)	LF	3,060

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity
61	153141	REMOVE CONCRETE ISLAND (PORTIONS) (SQYD)	SQYD	250
62	153220	REMOVE CONCRETE (CHANNEL)	CY	410
63	153241	REMOVE CONCRETE (CURB, GUTTER, AND SIDEWALK) (LF)	LF	3,250
64	153247	REMOVE CONCRETE (MISCELLANEOUS) (CY)	CY	770
65	155232	SAND BACKFILL	CY	490
66	157551	BRIDGE REMOVAL, LOCATION A	LS	LUMP SUM
67	157552	BRIDGE REMOVAL, LOCATION B	LS	LUMP SUM
68	157553	BRIDGE REMOVAL, LOCATION C	LS	LUMP SUM
69	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM
70	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM
71	180106	DUST PALLIATIVE	LS	LUMP SUM
72	190101	ROADWAY EXCAVATION	CY	101,500
73	190107	ROADWAY EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)	CY	12,300
74 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	5,256
75 (F)	192020	STRUCTURE EXCAVATION (TYPE D)	CY	11,456
76 (F)	192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	4,529
77 (F)	045236	PERMEABLE MATTRESS	CY	1,280
78 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	CY	3,619
79 (F)	193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	8,251
80 (F)	193031	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	CY	220



Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity
81	198010	IMPORTED BORROW (CY)	CY	1,510
82	198210	SUBGRADE ENHANCEMENT GEOTEXTILE, CLASS B3	SQYD	110
83	200114	ROCK BLANKET	SQFT	2,770
84	030791	LIVE SILTATION	LF	1,050
85	030792	WILLOW POLES	EA	1,000
86	030793	BRUSH LAYERING	LF	180
87	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM
88	030794	TREE GRATE	EA	21
89 (F)	208028	3" SUPPLY LINE (BRIDGE)	LF	1,295
90 (F)	208595	1" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	180
91 (F)	208605	2" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	LF	3,040
92 (F)	208607	3" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	LF	1,350
93	030795	2" SPRINKLER CONTROL CONDUIT	LF	2,060
94	030796	6" SCHEDULE 40 PIPE CONDUIT	LF	350
95	208738	8" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	LF	1,140
96	208739	10" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	LF	900
97	208821	12" WELDED STEEL PIPE CONDUIT	LF	65
98	210010	MOVE-IN/MOVE-OUT (EROSION CONTROL)	EA	6
99	210110	IMPORTED TOPSOIL (CY)	CY	1,310
100	210130	DUFF	ACRE	3.3

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity
101	210210	EROSION CONTROL (DRY SEED) (SQFT)	SQFT	23,300
102	210300	HYDROMULCH	SQFT	597,000
103	030797	COMPOST BERM	LF	19,800
104	210420	STRAW	SQFT	455,000
105	210430	HYDROSEED	SQFT	597,000
106	030798	COMPOST (TYPE 1)	SQFT	142,000
107	030799	COMPOST (TYPE 2)	SQFT	455,000
108	210630	INCORPORATE MATERIALS	SQFT	142,000
109	250101	CLASS 1 AGGREGATE SUBBASE	CY	26,900
110	260203	CLASS 2 AGGREGATE BASE (CY)	CY	17,600
111	280015	LEAN CONCRETE BASE RAPID SETTING	CY	2,330
112	360200	BASE BOND BREAKER	SQFT	730
113	390011	PREPAVING INERTIAL PROFILER	LS	LUMP SUM
114	390132	HOT MIX ASPHALT (TYPE A)	TON	25,400
115	394060	DATA CORE	LS	LUMP SUM
116	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF	150
117	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	2,060
118	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	240
119	397005	TACK COAT	TON	25
120	400050	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT	CY	12,400

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity
121	401050	JOINTED PLAIN CONCRETE PAVEMENT	CY	80
122 (F)	045237	MECHANICALLY STABILIZED EMBANKMENT (MODIFIED), LOCATION A	SQFT	5,766
123 (F)	045238	MECHANICALLY STABILIZED EMBANKMENT (MODIFIED), LOCATION B	SQFT	2,236
124	480300	TEMPORARY SUPPORT	LS	LUMP SUM
125	045239	TEMPORARY PEDESTRIAN WALKWAY	LS	LUMP SUM
126	045240	FURNISH 48" STEEL PIPE PILING	LF	291
127	045241	DRIVE 48" STEEL PIPE PILING	EA	4
128	490746	FURNISH PILING (CLASS 140) (ALTERNATIVE W)	LF	258
129	490747	DRIVE PILE (CLASS 140) (ALTERNATIVE W)	EA	10
130	490782	FURNISH PILING (CLASS 200) (ALTERNATIVE W)	LF	16,055
131	490783	DRIVE PILE (CLASS 200) (ALTERNATIVE W)	EA	302
132	045242	FURNISH 78" CAST-IN-STEEL-SHELL CONCRETE PILING	LF	784
133	045243	DRIVE 78" CAST-IN-STEEL-SHELL CONCRETE PILING	EA	10
134	498022	24" CAST-IN-DRILLED-HOLE CONCRETE PILING (SOUND WALL)	LF	2,860
135	498052	60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	23
136	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	LUMP SUM
137 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	869
138 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	5,230
139 (F)	045244	STRUCTURAL CONCRETE, BRIDGE (POLYMER FIBER)	CY	1,404
140 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	2,852

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity
141 (F)	510061	STRUCTURAL CONCRETE, SOUND WALL	CY	434
142 (F)	510072	STRUCTURAL CONCRETE, BARRIER SLAB	CY	412
143 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	528
144 (F)	510088	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N MODIFIED)	CY	95
145 (F)	510090	STRUCTURAL CONCRETE, BOX CULVERT	CY	129.4
146 (F)	510092	STRUCTURAL CONCRETE, HEADWALL	CY	66.4
147 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	589.7
148 (F)	045245	MINOR CONCRETE (BRIDGE PLANTER)	CY	14
149 (F)	045246	IN-AND-OUT BLOCK TEXTURE	SQFT	8,235
150 (F)	045247	SPLIT FACE TEXTURE	SQFT	19,928
151	519088	JOINT SEAL (MR 1")	LF	411
152	519091	JOINT SEAL (MR 1 1/2")	LF	189
153	519100	JOINT SEAL (MR 2")	LF	132
154 (F)	520101	BAR REINFORCING STEEL	LB	25,452
155 (F)	520102	BAR REINFORCING STEEL (BRIDGE)	LB	1,810,357
156 (F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	316,497
157 (F)	045248	BAR REINFORCING STEEL (SOUND WALL PILE)	LB	82,381
158	540101	ASPHALT MEMBRANE WATERPROOFING	SQFT	1,500
159 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	LB	17,600
160 (F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	LB	17,600



Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity
161	560248	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SQFT	540
162	560249	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	100
163	566011	ROADSIDE SIGN - ONE POST	EA	140
164	566012	ROADSIDE SIGN - TWO POST	EA	6
165	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	2
166	568017	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	EA	3
167	568023	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST)	EA	7
168	030800	FURNISH LAMINATED PANEL SIGN (1"-TYPE A)FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	140
169	030801	FURNISH LAMINATED PANEL SIGN (1"-TYPE B)FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	410
170	030802	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	610
171	030803	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	680
172	030804	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	510
173	030805	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063" - FRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	110
174	030806	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080" -FRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	61
175	030807	RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	2,500
176 (F)	582001	SOUND WALL (MASONRY BLOCK)	SQFT	41,461
177	591200	ROCK STAIN	SQFT	12,900
178	597600	PREPARE AND PAINT CONCRETE	SQFT	2,660
179	597601	PREPARE AND STAIN CONCRETE	SQFT	24,416
180	620100	18" ALTERNATIVE PIPE CULVERT	LF	200

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity
181	620140	24" ALTERNATIVE PIPE CULVERT	LF	8,440
182	620220	36" ALTERNATIVE PIPE CULVERT	LF	4,780
183	620260	42" ALTERNATIVE PIPE CULVERT	LF	860
184	620300	48" ALTERNATIVE PIPE CULVERT	LF	510
185	620340	54" ALTERNATIVE PIPE CULVERT	LF	380
186	620380	60" ALTERNATIVE PIPE CULVERT	LF	1,620
187	620800	CONCRETE BACKFILL (PIPE TRENCH)	CY	47
188	680283	3" PLASTIC PIPE UNDERDRAIN	LF	750
189	681107	3" PLASTIC PIPE (EDGE DRAIN OUTLET)	LF	520
190	682049	CLASS 3 PERMEABLE MATERIAL (BLANKET)	CY	41
191	030808	WING-GATE (AUTOMATIC RETRACTABLE SYSTEM)	EA	29
192	030809	CONNECTOR PIPE SCREEN	EA	9
193	700617	DRAINAGE INLET MARKER	EA	140
194	703450	WELDED STEEL PIPE CASING (BRIDGE)	LF	235
195	030810	8" WELDED STEEL PIPE	LF	260
196	705315	24" ALTERNATIVE FLARED END SECTION	EA	8
197	705321	36" ALTERNATIVE FLARED END SECTION	EA	1
198	707117	36" PRECAST CONCRETE PIPE INLET	LF	10
199	030811	ROCK SLOPE PROTECTION (1/4 T, METHOD A) (CY)	CY	3,250
200	721013	ROCK SLOPE PROTECTION (1/4 T, METHOD B) (CY)	CY	430

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity
201	721017	ROCK SLOPE PROTECTION (FACING, METHOD B) (CY)	CY	2,377
202	045249	SLOPE PAVING (IN-AND-OUT BLOCK TEXTURE CONCRETE)	CY	89
203	729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	6,370
204	730010	MINOR CONCRETE (CURB) (LF)	LF	333
205	730020	MINOR CONCRETE (CURB) (CY)	CY	490
206	730040	MINOR CONCRETE (GUTTER) (LF)	LF	2,048
207	730045	MINOR CONCRETE (GUTTER) (CY)	CY	48
208	730070	DETECTABLE WARNING SURFACE	SQFT	1,000
209	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	96
210	731507	MINOR CONCRETE (GUTTER DEPRESSION)	CY	64
211	731508	MINOR CONCRETE (EXPOSED AGGREGATE CONCRETE)	SQFT	8,430
212	731516	MINOR CONCRETE (DRIVEWAY)	CY	41
213	731521	MINOR CONCRETE (SIDEWALK)	CY	490
214	731623	MINOR CONCRETE (CURB RAMP)	CY	110
215	030812	MINOR CONCRETE (BUS POCKET)	CY	33
216	030813	MINOR CONCRETE (STAIRCASE)	CY	22
217 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	47,325
218 (F)	750501	MISCELLANEOUS METAL (BRIDGE)	LB	708
219 (F)	045250	BRIDGE PLANTER DRAINAGE SYSTEM	LB	6,050
220 (F)	750505	BRIDGE DECK DRAINAGE SYSTEM	LB	19,216

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity
221	030814	SANITARY SEWER FACILITIES	LS	LUMP SUM
222	030815	24" WELDED STEEL PIPE (0.5" THICK) TRENCHLESS INSTALLATION	LF	59
223	030816	36" WELDED STEEL PIPE (0.5" THICK) TRENCHLESS INSTALLATION	LF	56
224	030817	BUS SHELTER	LS	LUMP SUM
225	800103	TEMPORARY FENCE (TYPE CL-6)	LF	2,440
226	800321	CHAIN LINK FENCE (TYPE CL-4, VINYL-CLAD)	LF	1,188
227	800361	CHAIN LINK FENCE (TYPE CL-6, VINYL-CLAD)	LF	2,440
228	030818	CHAIN LINK FENCE (TYPE CL-8, BW POST TOP VINYL-CLAD)	LF	190
229	030819	12' CHAIN LINK GATE (TYPE CL-6, VINYL-CLAD)	EA	3
230	810111	SURVEY MONUMENT (TYPE A)	EA	5
231	820107	DELINEATOR (CLASS 1)	EA	130
232	820118	GUARD RAILING DELINEATOR	EA	42
233	820130	OBJECT MARKER	EA	71
234	820134	OBJECT MARKER (TYPE P)	EA	79
235	832017	MIDWEST GUARDRAIL SYSTEM (8' POST)	LF	3,330
236	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	1,560
237	045251	PICKET FENCE RAILING	LF	1,223
238 (F)	045252	TUBULAR BICYCLE RAILING	LF	204
239	839303	SINGLE THRIE BEAM BARRIER (STEEL POST)	LF	5,090
240	839514	HANDRAILING	LF	110



Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity
241 (F)	839521	CABLE RAILING	LF	920
242	839540	TRANSITION RAILING (TYPE STB)	EA	2
243	839543	TRANSITION RAILING (TYPE WB-31)	EA	6
244	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	3
245	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	5
246	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	2
247	030820	ALTERNATIVE CRASH CUSHION SYSTEM	EA	2
248	030821	CONCRETE BARRIER (TYPE 736B MODIFIED)	LF	350
249	030822	CONCRETE BARRIER (TYPE 732B MODIFIED)	LF	35
250	839700	CONCRETE BARRIER (TYPE 60F)	LF	170
251	839701	CONCRETE BARRIER (TYPE 60)	LF	3,210
252	839703	CONCRETE BARRIER (TYPE 60C)	LF	680
253	045253	CONCRETE BARRIER (TYPE 60D MODIFIED)	LF	227
254	045254	CONCRETE BARRIER (TYPE 60 MODIFIED)	LF	200
255 (F)	045255	CONCRETE BARRIER (TYPE 80A MODIFIED)	LF	126
256 (F)	045256	CONCRETE BARRIER (TYPE 80SW MODIFIED)	LF	1,105
257 (F)	045257	CONCRETE BARRIER (TYPE 80 MODIFIED)	LF	1,740
258 (F)	839727	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	1,502
259	045258	CONCRETE BARRIER (TYPE 60 TRANSITION MODIFIED)	LF	15
260	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	15,200

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity
261	840505	6" THERMOPLASTIC TRAFFIC STRIPE	LF	10,900
262	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	1,600
263	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	5,400
264	840516	THERMOPLASTIC PAVEMENT MARKING (ENHANCED WET NIGHT VISIBILITY)	SQFT	1,820
265	840521	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 6-1)	LF	110
266	840525	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	LF	1,450
267	840526	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	LF	190
268	846001	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	33,300
269	846004	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 17-7)	LF	730
270	846005	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 36-12)	LF	13,700
271	846009	8" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	6,300
272	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	1,160
273	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	1,660
274	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM
275	030830	SIGNAL AND LIGHTING (LOCATION 1)	LS	LUMP SUM
276	030831	SIGNAL AND LIGHTING (LOCATION 2)	LS	LUMP SUM
277	030832	SIGNAL AND LIGHTING (LOCATION 3)	LS	LUMP SUM
278	030833	SIGNAL AND LIGHTING (LOCATION 4)	LS	LUMP SUM
279	860297	SIGNAL AND LIGHTING (CITY)	LS	LUMP SUM
280	860401	LIGHTING	LS	LUMP SUM

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity
281	860402	LIGHTING (CITY STREET)	LS	LUMP SUM
282	999990	MOBILIZATION	LS	LUMP SUM

Caltrans

"Construction"

Contractors

05-448204

Work Code	Category	Description	License Requirement	NAICS Code(s)
C1200	CONSTRUCTION AREA SIGNS	Places traffic equipment at a construction site. Places the construction zone signs on side of the road.	C-31 Construction Zone Traffic Control Contractor - CSLB	561990 - All other Support Services 238990 - All Other Specialty Trade Contractors
C1201	TRAFFIC CONTROL SYSTEM	This involves placing orange cones, large barrels or other devices to establish traffic control work area that control/redirect traffic construction sites.	C-31 Construction Zone Traffic Control Contractor - CSLB	561990 - All other Support Services 238990 - All Other Specialty Trade Contractors
C1210	TRAFFIC COUNT	A person counting traffic in a specific area for statistical data - pertains to data collection and analysis as opposed to the physical act of installing count stations which may require a C10 or C7 electrical license.	NO LICENSE REQUIRED	561990 - All other Support Services
C1211	TRAFFIC FLAGGERS	This involves individuals directing traffic for a road construction crew	NO LICENSE REQUIRED	488490- Support Activities for Road Transportation
C1290	TEMPORARY RAILING (TYPE K)	Placing temporary concrete barriers or other devices to redirect flow of traffic during construction, for parking lots, or where ever traffic needs to be controlled.	C-31 Construction Zone Traffic Control Contractor - CSLB	561990 - All other Support Services 238990 - All Other Specialty Trade Contractors
C1522	RESET, ADJUST ROADWAY ITEMS	Moving or adjusting manholes or guard rails. Any adjustments made to existing highway facilities.	C-32 Parking and Highway Improvement Coordinator - CSLB	561990 - All other Support Services
C1531	PLANE ASPHALT CONCRETE	Cold planing is the controlled milling of pavement to restore the surface to a specified profile. Bumps, ruts and other surface irregularities are removed.	A-General Engineering Contractor <b>OR</b> C-8 Concrete Contractor <b>OR</b> C-61 Limited Specialty <b>OR</b> D-06 Concrete Related Services Contractor - CSLB	237310 - Highway, Street and Bridge Construction
C1575	REMOVE BRIDGE ITEM	Consists of removing existing bridges, or portions thereof.	A-General Engineering <b>OR</b> C-12 Earthwork & Paving Contractor - CSLB	237310 - Highway, Street and Bridge Construction
C1580	MODIFY BRIDGE ITEM	To make changes or alterations to existing bridge.	A-General Engineering <b>OR</b> C-12 Earthwork & Paving Contractor - CSLB	237310 - Highway, Street and Bridge Construction
C1601	CLEARING & GRUBBING	Removing material from within the highway right of way, bridge construction areas, road approaches, material sites, areas through which ditches and channels are to be excavated. Shall be performed in advance of grading operations	A-General Engineering <b>OR</b> C-12 Earthwork & Paving Contractor - CSLB	238910- Site Preparation Contractors
C1701	DEVELOP WATER SUPPLY	Installs and repairs water wells and pumps by boring, drilling, excavating, casing, cementing and cleaning to provide a supply of uncontaminated water. Includes the following: irrigation, drainage, water power, water supply, flood control.	C-57 Water Well Drilling Contractor <b>OR</b> A- General Engineering Contractor - CSLB	221310 - Water Supply and Irrigation Systems
C1801	DUST PALLIATIVE	Type of asphalt emulsion sprayed onto gravel roads to control dust and stop erosion.	C-12 Earthwork & Paving Contractor <b>OR</b> A-General Engineering Contractor -	238910 - Site Preparation Contractors
C1901	ROADWAY EXCAVATION	Consist of all excavation involved in the grading and construction of the roadway.	C-12 Earthwork & Paving Contractor <b>OR</b> A-General Engineering Contractor - CSLB	238910 - Site Preparation Contractors
C1910	GRADING	Modification of the ground surface by cuts, fills or both.	C-12 Earthwork & Paving Contractor <b>OR</b> A-General Engineering Contractor -	237310 - Highway, Street & Bridge Construction

Demo, Removals?

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Work Code	Category	Description	License Requirement	NAICS Code(s)
C1920	STRUCTURE EXCAVATION	Excavation for the construction of foundations for structures; excavation of trenches for the construction of culverts, pipes, rods, cutoff walls and other facilities.	C-12 Earthwork & Paving Contractor <b>OR</b> A-General Engineering Contractor - CSLB	238910 - Site Preparation Contractors
C1925	SHAPED BEDDING	The trench may be excavated below the bottom of the culvert and the shaped bedding constructed by backfilling and compacting culvert backfill material to the grade and shape.	A-General Engineer Contractor <b>OR</b> C-27 Landscaping Contractor <b>OR</b> C-12 Earthwork & Paving Contractor - CSLB	238910 - Site Preparation Contractors
C1930	STRUCTURE BACKFILL	Use of material in refilling an excavated area.	A-General Engineer Contractor <b>OR</b> C-12 Earthwork & Paving Contractor - CSLB	238910 - Site Preparation Contractors
C1940	DITCHES EXCAVATION	Generally a long narrow excavation for drainage, irrigation or burying underground pipe lines.	C-12 Earthwork & Paving <b>OR</b> A-General Engineer Contractor - CSLB	238910 - Site Preparation Contractors
C1970	EMBANKMENT CONSTRUCTION	Constructing roadway embankments, including the preparation of the areas upon which embankment materials are to be placed; the construction of dikes within or outside the right of way.	C-12 Earthwork & Paving <b>OR</b> A-General Engineer Contractor - CSLB	237990 - Other Heavy and Civil Engineering Construction
C1980	IMPORTED BORROW	Lightweight aggregate used in the construction of embankments or for use as selected material for other highway construction	C-12 Earthwork & Paving <b>OR</b> A-General Engineer - CSLB	237990 - Other Heavy and Civil Engineering Construction
C2000	HIGHWAY PLANTING	Drainage design & control, erosion control, underground piping installation, soil amendment, irrigation system & mulch selection.	C-27 Landscaping <b>OR</b> A-General Engineer Contractor - CSLB	561730 - Landscaping Services
C2020	SOIL AMENDMENTS	Shall be a wood or bark product, treated to absorb water quickly, or a relatively dry organic compost derived from sewage sludge, plant material or rice hulls.	C-27 Landscaping <b>OR</b> A-General Engineer Contractor - CSLB	561730 - Landscaping Services
C2021	HYDROSEEDING	Applies seeds through any liquid media to any type of surface that has been prepared or contoured by others.	D-59 Hydro-seed Spraying Contractor - CSLB	561730 - Landscaping Services
C2030	EROSION CONTROL	Used in natural areas, agricultural settings or urban environments. Often implemented in conjunction with sediment controls such as sediment basins and silt fences.	C-27 Landscaping <b>OR</b> A-General Engineer Contractor - CSLB	561730 - Landscaping Services
C2065	IRRIGATION SYSTEM	Used for dust suppression, disposal of sewage, and in mining. Often done together with drainage, which is the natural or artificial removal of surface and sub-surface water from a given area.	C-27 Landscaping <b>OR</b> A-General Engineer Contractor - CSLB	237110 - Water and Sewer Line and Related Structures
C2066	TEMPORARY EROSION CONTROL	Firms that use fiber rolls, gravel berms, check dams, drainage inlet protection, slope control blankets, concrete washout systems, temp construction entrances, straw bale barriers, during the construction phase (not the final product)	C-27 Landscaping <b>OR</b> A-General Engineer Contractor - CSLB	561730 - Landscaping Services

Work Code	Category	Description	License Requirement	NAICS Code(s)
C2067	LANDSCAPE CARE AND MAINTENANCE SERVICES	This industry comprises the art and vocation of keeping a landscape healthy, clean, safe and attractive, typically in a garden, yard, park, Institutional setting or estate. Using tools, supplies, knowledge, physical exertion and skills, a groundskeeper may plan or carry out annual plantings and harvestings, periodic weeding and fertilizing, other gardening, lawn care, snow removal, driveway and path maintenance, shrub pruning, topiary, <del>lighting, fencing, swimming pool care, runoff drainage and</del>	NO LICENSE REQUIRED, however prior to contacting with firms with this code, please verify if the CA Contractors Licenses Board requires firm to have a license when work is more than \$500.	561730 - Landscaping Services
C2201	FINISHING ROADWAY	Upon completion of all construction operations, the entire roadway shall be finished as specified. The roadbed shoulders shall be trimmed and shaped. The finished pavement shall be cleaned of all dirt and foreign material. Materials and debris resulting from clearing and grubbing operations not previously <del>removed shall be disposed of</del>	C-12 Earthwork & Paving <b>OR</b> A-General Engineer - CSLB	237310 - Highway, Street & Bridge Construction
C2301	Pipeline, Drain Inspection & Cleaning	This industry comprises establishments primarily engaged in drain cleaning, high pressure water jetting, underground leak and line detection, video camera/CCTV pipeline inspection, grease trap and <del>liquid waste pumping, backflow protection, automated drain care</del>	C-36 Plumbing Contractor <b>OR</b> A-General Engineer/Contractor - CSLB	238990 - All Other Specialty Trade Contractors
C2401	LIME TREATMENT	Consists of mixing lime and water with soil and compacting the mixture to the lines, grades and dimensions shown on the plans.	C-12 Earthwork & Paving <b>OR</b> A-General Engineer - CSLB	238910 - Site Preparation Contractors
C2501	AGGREGATE SUB BASE	Normally the lowest layer in the structural section.	C-12 Earthwork & Paving <b>OR</b> A-General Engineer - CSLB	238910 - Site Preparation Contractors
C2602	AGGREGATE BASE	Used in roadways, as a base course for cement pads and foundations, and as backfill material for underground pipelines and other utilities.	C-12 Earthwork & Paving <b>OR</b> A-General Engineer - CSLB	238910 - Site Preparation Contractors
C2700	CEMENT TREATED BASE	Mixture of aggregate material and/or granular soils combined with portland cement and water that hardens after compaction and curing to form a durable paving material. Used as a pavement base for highways, roads, streets, parking areas, airports, and materials handling and storage areas.	C-12 Earthwork & Paving <b>OR</b> A-General Engineer - CSLB	238910 - Site Preparation Contractors
C2800	CONCRETE BASE	Mixture of aggregate, portland cement, water and, at the option of the Contractor, chemical admixtures (for reducing water).	C-8 Concrete <b>OR</b> A- General Engineer Contractor - CSLB	238110 - Poured Concrete Foundation and Structure Contractors
C3000	CONCRETE PUMPING	Industry comprises contractors that use concrete pumping machine (such as boom pump, line pump) to pour/spread liquid concrete on pre-prepared surface.	C-8 Concrete <b>OR</b> A- General Engineer Contractor - CSLB	238110 - Poured Concrete Foundation and Structure Contractors
C3600	PENETRATION TREATMENT & PRIME COAT	Initial application of liquid to absorbent surface prior to construction; possibly the first coat in a series of applications.	A- General Engineer, C-12 Earthwork & Paving <b>OR</b> C-32 Parking & Highway Improvement Contractor - CSLB	238390 - Other Building Finishing Contractors 238990 - All Other Specialty Trade Contractors
C3701	SEAL COAT	Application of asphaltic emulsion and screenings or an application of a mixture of asphaltic emulsion and added water.	C-32 Parking & Highway Improvement Contractor <b>OR</b> C-12 Earthwork & Paving - CSLB	238990 - All Other Specialty Trade Contractors

Work Code	Category	Description	License Requirement	NAICS Code(s)
C3901	ASPHALT CONCRETE	Furnishing and mixing aggregate and asphalt binder at a central mixing plant, spreading and compacting the mixture and furnishing and placing pavement reinforcing fabric.	C-12 Earthwork & Paving <b>OR</b> A-General Engineer - CSLB	237310 - Highway, Street, and Bridge Construction
C3910	PAVING ASPHALT (ASPHALT CONCRETE)	High quality, hot mixture of asphalt cement & well graded aggregate.	C-12 Earthwork & Paving <b>OR</b> A-General Engineer - CSLB	237310 - Highway, Street, and Bridge Construction
C3930	PAVEMENT REINFORCING FABRIC	Shall be placed on existing pavement to be surfaced or between layers of asphalt concrete when the work is shown on the plans or specified in the special provisions, or ordered by the Engineer.	C-12 Earthwork & Paving <b>OR</b> A-General Engineer - CSLB	237310 - Highway, Street, and Bridge Construction
C3940	PLACE ASPHALT CONCRETE DIKE & MISC	Embankment used on roadways for controlling or holding back water and erosion control.	C-12 Earthwork & Paving <b>OR</b> A-General Engineer - CSLB	237310 - Highway, Street, and Bridge Construction
C3990	RECYCLE, RECLAIM ASPHALT CONCRETE	Common method of utilizing the left over rubble when structures made of concrete are demolished or renovated. Smaller pieces of concrete are used as gravel for new construction projects.	C-12 Earthwork & Paving <b>OR</b> A-General Engineer - CSLB	237310 - Highway, Street, and Bridge Construction
C4010	PORTLAND CEMENT & CONCRETE PAVEMENT	Consists of constructing a pavement of portland cement concrete on a prepared sub grade.	A- General Engineer, C-12 Earthwork & Paving <b>OR</b> C-8 Concrete Contractor - CSLB	238910 - Site Preparation Contractors
C4040	CLEAN & SEAL PAVEMENT JOINTS - ROUT & SEAL CRACKS	Aids in waterproofing the pavement. Joints are sandblasted and then filled with heated sealant and may include sawing to provide a proper surface.	A- General Engineer, D-06 Concrete Related Services-CSLB <b>OR</b> C-8 Concrete Contractor - CSLB	238990 - All Other Specialty Trade Contractors
C4101	PAVEMENT SUBSEALING & JACKING	Filling voids beneath existing portland cement concrete pavement, by drilling holes through the existing pavement, injecting grout through the holes and filling the drilled holes with mortar or concrete.	A- General Engineer, C-8 Concrete Contractor <b>OR</b> D-30 Pile Driving & Pressure Foundation Jacking Contractor - CSLB	561990 - All other Support Services
C4201	GROOVE & GRIND PAVEMENT	Grooving/grinding the surface of asphalt concrete or portland cement concrete pavement and bridge decks.	D-06 Concrete Related Services <b>OR</b> A- General Engineer - CSLB	238990 - All Other Specialty Trade Contractors
C4901	FURNISH & DRIVE PILING	Provides a pile driving and/or caisson drilling or auger service. Including the injection of concrete or mortar into foundations for stabilization purposes.	D-30 Pile Driving & Pressure Foundation Jacking Contractor <b>OR</b> A- General Engineer - CSLB	238910 -Site Preparation Contractors
C4905	SOIL Stabilization	Businesses engaged in alteration of soils to enhance their physical properties. <b>Stabilization</b> can increase the shear strength of a soil and/or control the shrink-swell properties of a soil, thus improving the load bearing capacity of a sub-grade to support pavements and foundations.	A- General Engineer - CSLB	238910 -Site Preparation Contractors
C4906	CAST-IN-DRILLED-HOLE CONCRETE PILING	Constructs, installs, and tests Cast-In-Drilled-Hole (CIDH) concrete piles in accordance with the provisions set forth in Caltrans' Standard Specifications Section 49-4.	D-30 Pile Driving & Pressure Foundation Jacking Contractor <b>OR</b> A- General Engineer - CSLB	238910 - Site Preparation Contractors

Work Code	Category	Description	License Requirement	NAICS Code(s)
C5000	PRESTRESSING CONCRETE CAST-IN-PLACE	Applying forces to a structure to deform it so that it will withstand its working loads more effectively.	C-8 Concrete Contractor <b>OR</b> A-General Engineer - CSLB	238120 - Structural Steel and Precast Concrete Contractors
C5100	CONCRETE STRUCTURE	Forms, pours, places, finishes and installs specified mass, pavement, flat and other concrete work; and places and sets screeds for pavements or flatwork.	C-8 Concrete Contractor <b>OR</b> A-General Engineer - CSLB	238110 - Poured Concrete Foundation and Structure Contractors
C5105	MINOR CONCRETE STRUCTURE	Plywood formations with concrete poured in to them.	C-8 Concrete Contractor <b>OR</b> A-General Engineer - CSLB	238110 - Poured Concrete Foundation and Structure Contractors
C5110	CONCRETE SURFACE FINISH	Operation of creating a concrete surface of a desired texture, smoothness & durability. Finish can be strictly functional or decorative.	A- General Engineer, C-8 Concrete Contractor <b>OR</b> D-6 Concrete Related Services - CSLB	238110 - Poured Concrete Foundation and Structure Contractors
C5111	CONCRETE OVERLAY - DRILL & BOND	The placing of a polyester concrete overlay with a prime coat of high-molecular-weight methacrylate resin to bridge decks.	A- General Engineer, C-8 Concrete Contractor <b>OR</b> D-6 Concrete Related Services - CSLB	238110 - Poured Concrete Foundation and Structure Contractors
C5120	FURNISH PRECAST CONCRETE DECK UNIT	This industry comprises establishments primarily engaged in: (1) erecting and assembling structural parts made from steel or precast concrete (e.g., steel beams, structural steel components, and similar products of precast concrete); and/or (2) assembling	C-8 Concrete Contractor <b>OR</b> A-General Engineer - CSLB	238120 - Structural Steel and Precast Concrete Contractors
C5124	ERECT PRECAST CONCRETE	Placing/Installing premade concrete slabs or walls, possibly with use of a crane (which requires a certified operator). A concrete related services contractor installs reusable steel concrete form sections or interlocking precast pavers.	A- General Engineer, C-8 Concrete Contractor <b>OR</b> D-6 Concrete Related Services - CSLB	238120 - Structural Steel and Precast Concrete Contractors
C5135	CONCRETE BLOCK & MASONRY RETAINING WALL	Fabrication and installation of masonry component units for structural load bearing and non-load bearing walls for structures and fences installed with or without mortar.	C-29 Masonry Contractor <b>OR</b> A-General Engineer - CSLB	238140 - Masonry Contractors
C5136	REINFORCED CONCRETE CRIB WALL	Cells built up log cabin style from precast concrete filled with soil.	C-8 Concrete Contractor <b>OR</b> A-General Engineer - CSLB	238110 - Poured Concrete Foundation and Structure Contractors
C5150	CORE CONCRETE - REPAIR BRIDGE DECK	Specializes in the coring of holes through concrete bridge members during the process of bridge rehabilitation.	C-8 Concrete Contractor <b>OR</b> A-General Engineer - CSLB	238110 - Poured Concrete Foundation and Structure Contractors



Work Code	Category	Description	License Requirement	NAICS Code(s)
C5180	SOUND WALL (MASONRY BLOCK-CONCRETE)	Installs concrete units and baked clay products; concrete, glass and clay block; natural and manufactured stone; terra cotta; and fire brick or other material for refractory work. Includes the fabrication and installation of masonry component units for structural load bearing and non-load bearing walls for structures	C-29 Masonry Contractor <b>OR</b> A- General Engineer - CSLB	238140 - Masonry Contractors
C5190	JOINT SEAL - WATER STOP	PVC piping systems for irrigation and drainage; subsurface irrigation drip systems. Bathtub and enamel refinishing, resin and epoxy application, and synthetic caulking and sealants.	D-12 Synthetic Products Contractor <b>OR</b> A- General Engineer - CSLB	238990 - All Other Specialty Trade Contractors
C5201	REINFORCING STEEL *	Fabricates, places and ties steel mesh or steel reinforcing bars (rods), of any profile, perimeter, or cross-section, that are or may be used to reinforce concrete structures.	C-50 Reinforcing Steel Contractor <b>OR</b> A-General Engineer - CSLB	238120 - Structural Steel and Precast Concrete Contractors
C5301	AIR-BLOWN MORTAR	Lining ditches and channels, paving slopes, and other similar features with shotcrete. Shotcrete consists of concrete or mortar pneumatically applied onto a surface.	C-8 Concrete Contractor <b>OR</b> A- General Engineer - CSLB	238110 - Poured Concrete Foundation and Structure Contractors
C5310	PIPE LINING (CEMENT MORTAR)	The use of cement mortar to seal and reinforce concrete pipe joints to prevent leakage and infiltration.	A- General Engineer, C-8 Concrete Contractor <b>OR</b> D-6 Concrete Related Services - CSLB	238110 - Poured Concrete Foundation and Structure Contractors
C5401	WATERPROOFING	Furnishing and applying asphalt membrane waterproofing to the surface of the concrete as shown on the plans.	C-29 Masonry Contractor <b>OR</b> C-33 Painting and Decorating Contractor <b>OR</b> C-39 Roofing Contractor - CSLB (which ever class is relevant)	238390 - Other Building Finishing Contractors
C5501	STEEL STRUCTURES	Fabricates and erects structural steel shapes and plates, of any profile, perimeter or cross-section, that are or may be used as structural members for buildings and structures, including the riveting, welding, rigging and metal roofing systems necessary to perform this work.	C-51 Structural Steel Contractor <b>OR</b> A- General Engineer - CSLB	238120 - Structural Steel and Precast Concrete Contractors
C5570	STEEL CRIB WALL	Construction and installation of steel crib walls, which consist of a series of rectangular cells composed of steel members.	C-51 Structural Steel Contractor <b>OR</b> A- General Engineer - CSLB	238120 - Structural Steel and Precast Concrete Contractors
C5601	SIGN STRUCTURE	Overhead sign structures including; truss, box beam-closed truss, tubular, lightweight and bridge mounted.	C-51 Structural Steel Contractor <b>OR</b> A- General Engineer - CSLB	238120 - Structural Steel and Precast Concrete Contractors
C5620	ROADSIDE SIGN	Fabricates & installs all types of non electrical signs; including post or pole supported signs or attached to structures.	D-42 Non Electrical Sign Installation <b>OR</b> A- General Engineer- CSLB	238990 - All Other Specialty Trade Contractors
C5701	LUMBER & TIMBER	This industry comprises establishments primarily engaged in performing particular support activities related to timber production, wood technology, forestry economics and marketing, and forest protection. These establishments may provide support activities for forestry, such as estimating timber, forest	NO LICENSE REQUIRED	115310 - Support Activities for Forestry

Work Code	Category	Description	License Requirement	NAICS Code(s)
C5900	CLEAN & PAINT STEEL	A painting and decorating contractor prepares by scraping, sandblasting or other means and applies any of the following: paints, papers, textures, fabrics, pigments, oils, turpentine, japans, driers, thinners, varnishes, shellacs, stains, fillers, waxes, adhesives, water and any other vehicle, medium and materials.	C-33 Painting and Decorating Contractor - CSLB	238320 - Painting and Wall Covering Contractor
C6101	RAILROAD WORK	This industry comprises establishments primarily engaged in providing specialized services for railroad transportation including servicing, routine repairing (except factory conversion, overhaul or rebuilding of rolling stock), and maintaining rail cars; loading and unloading rail cars, and operating independent terminals.	NO LICENSE REQUIRED	488210 - Support Activities for Rail Transportation
C6120	RAIL VEHICLE/RAILROAD QUALITY ASSURANCE INSPECTION	Performs inspections and monitors functions to assure compliance with Federal safety and health regulations among railroads, railroad employees, and contractors to railroads.	Completion of a training program in rail vehicle inspection administered by the Federal Railroad Administration	488210 - Support Activities for Rail Transportation
C6121	RAILROAD TRACK INSPECTION	Conducts complex investigative and surveillance activities with respect to enforcement of the Federal Railroad Administration's Track Safety Standards.	Completion of a training program by the Federal Railroad Administration in railroad track inspection	488210 - Support Activities For Rail Transportation
C6200	ALTERNATIVE PIPE CULVERT	Consists of furnishing and installing or constructing alternative culverts as shown on the plans or as directed by the Engineer.	C-42 Sanitation System Contractor OR A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C6301	CAST-IN-PLACE CONCRETE PIPE	Consists of portland cement concrete placed as one piece in a prepared trench at the locations shown on the plans.	C-8 Concrete Contractor OR A-General Engineer - CSLB	238110 - Poured Concrete Foundation and Structure Contractors
C6401	ASBESTOS-CEMENT PIPE	A concrete pipe made of a mixture of portland cement and asbestos fiber and highly resistant to corrosion; used in drainage systems, waterworks systems, and gas lines.	ASB Certificate from CSLB	237110 - Water and Sewer Line and Related Structures Construction
C6500	REINFORCED CONCRETE PIPE	Furnishing and installing circular or oval shaped reinforced concrete pipe or reinforced concrete pipe arch for culverts, siphons, drains and conduits.	C-42 Sanitation System Contractor OR A-General Engineer - CSLB	221310 - Water, Sewage and Other Systems 237110-Water and Sewer Line and Related Structures Construction
C6552	JACKED REINFORCED CONCRETE PIPE	Concrete pipe gets jacked under an existing roadway to reduce damage and disruption.	C-42 Sanitation System Contractor OR A-General Engineer - CSLB	221310 - Water, Sewage and Other Systems 237110 - Water and Sewer Line and Related Structures Construction
C6591	NON-REINFORCED CONCRETE PIPE	This industry comprises establishments primarily engaged in operating water treatment plants and/or operating water supply systems. The water supply system may include pumping stations, aqueducts, and/or distribution mains. The water may be used for	C-42 Sanitation System Contractor OR A-General Engineer - CSLB	221310 - Water, Sewage and Other Systems 237110 - Water and Sewer Line and Related Structures Construction
C6650	CORRUGATED METAL PIPE (CSP)	Fabrication and construction of corrugated metal pipe (CSP) for conduits, culverts, drains, siphons, and slotted pipe.		238120 - Structural Steel and Precast Concrete Contractors
C6680	JACKED CORRUGATED STEEL PIPE			
C6700	STRUCTURAL STEEL PLATE PIPE, ARCH & PIPE ARCH	Fabrication and construction of structural metal pipe plate, arches, and pipe arches	C-50 Reinforcing Steel Contractor OR A-General Engineer - CSLB	238120 - Structural Steel and Precast Concrete Contractors

Work Code	Category	Description	License Requirement	NAICS Code(s)
C6800	SUBSURFACE DRAIN	Commonly referred to as a "French" or "curtain" drain, utilized in the protection of groundwater & septic systems.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C6811	EDGE DRAIN	Placed on highways so that the pavement structure will drain.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C6815	HORIZONTAL DRAIN	Commonly used in stabilizing unsaturated residual soil slopes.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C6819	FILTER FABRIC	Holds the engineered soil in place and still prevents small media particles, such as plant debris and fines, from entering and clogging the drainage layer below.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C6820	PERMEABLE MATERIAL	Material that allows liquid or gases to pass through.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C6900	DOWNDRAIN	Pipe designed to carry water runoff from roads and shoulders.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C7000	PLASTIC PIPE	Fabrication and construction of plastic pipe in drains, culverts, and over drains.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C7006	CORRUGATED STEEL PIPE INLET & RISER	Riser pipes sieve out debris and allow passage of water. They also allow accumulation of bedload sediments released.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C7026	CORRUGATED STEEL PIPE ENERGY DISSIPATOR	Used for velocity reduction in culverts.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C7035	WELDED STEEL PIPE	This industry comprises establishments primarily engaged in manufacturing welded, riveted, or seamless pipe and tube from purchased iron or steel. BOE classifies fuel systems as those motor carriers that store and deliver fuel.	C-60 Welding Contractor - CSLB	331210 - Iron and Steel Pipe and Tube Manufacturing from Purchased Steel
C7036	Welding Contractor	Industry comprises a contractor that causes metals to become permanently attached, joined and fabricated by the use of gases and electrical energy, which creates temperatures of sufficient heat to perform this work.	C-60 Welding Contractor - CSLB	238190 - Welding, on site, contractors
C7041	JACKED WELDED STEEL PIPE	Installation of steel pipe under an existing roadway to reduce damage and disruption.	A-General Engineering Contractor - CSLB	237310 - Highway, Street, and Bridge Construction
C7065	DEBRIS RACK-DRAINAGE GATE	May be required at the entrance of culverts, always required for pond outlets for purposes of safety, water quality and/or maintenance. Minimizes clogging by debris.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C7112	REINFORCED CONCRETE SEWER PIPE	Includes the laying of concrete pipe and any other hardware associated with the system.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction

Work Code	Category	Description	License Requirement	NAICS Code(s)
C7140	CLAY SEWER PIPE	Commonly used in sewer mains.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C7160	ASBESTOS-CEMENT SEWER PIPE	A concrete pipe made of a mixture of portland cement and asbestos fiber and highly resistant to corrosion; used in drainage, waterworks, and sewage systems.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C7180	CAST IRON SEWER PIPE	Includes the laying of cast-iron pipe and any other hardware associated with the system.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C7191	SEWER MANHOLE	Top opening to underground utility vault. Generally found in urban areas, in streets and occasionally under sidewalks.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C7194	JUNCTION CHAMBER	Converging section of a sewer used to facilitate the flow from one or more sewers into a main sewer.	C-42 Sanitation System Contractor <b>OR</b> A-General Engineer - CSLB	237110 - Water and Sewer Line and Related Structures Construction
C7200	ROCK SLOPE PROTECTION	Consists of rock, concrete, concreted rock or slope paving. The type of slope protection to be used will be designated in the Engineer's Estimate.	A- General Engineer, C-12 Earthwork & Paving <b>OR</b> C-8 Concrete Contractor - CSLB	238910 - Site Preparation Contractors 238110 - Poured Concrete Foundation and Structure Contractors
C7215	CONCRETED-ROCK SLOPE PROTECTION	Consists of placing revetment type concreted-rock courses on the slopes.	A- General Engineer, C-8 Concrete Contractor <b>OR</b> D-6 Concrete Related Services - CSLB	238110 - Poured Concrete Foundation and Structure Contractors
C7218	AIR-BLOWN MORTAR (SLOPE PAVING)	Use of shotcrete to control and prevent erosion of the slopes and waterways.	A- General Engineer, C-8 Concrete Contractor <b>OR</b> D-6 Concrete Related Services - CSLB	238110 - Poured Concrete Foundation and Structure Contractors
C7250	SACKED CONCRETE	Removing or alleviating defects on a concrete surface by applying a mixture of sand and cement to the moistened surface and rubbing with a coarse material such as burlap.	A- General Engineer, C-8 Concrete Contractor <b>OR</b> D-6 Concrete Related Services - CSLB	238110 - Poured Concrete Foundation and Structure Contractors
C7301	CONCRETE CURB & SIDEWALK- MISC	Constructing concrete curbs, sidewalks, gutter depressions, island paving, curb ramps (wheelchair ramps) and driveways of the form and dimensions shown on the plans.	A- General Engineer, C-8 Concrete Contractor <b>OR</b> D-6 Concrete Related Services - CSLB	238110 - Poured Concrete Foundation and Structure Contractors
C7405	DRAINAGE PUMPING EQUIPMENT	Installs, removes, modifies or repairs; pumps, pumping apparatus, motors, pipe, joints and fittings, bracing, hardware, storage cabinet, supply fan, duct work, pump house door and tools.	D-21 Machinery & Pumps - CSLB	238990 - All Other Specialty Trade Contractors



Work Code	Category	Description	License Requirement	NAICS Code(s)
C7410	PUMPING PLANT ELECTRICAL EQUIPMENT	Control, power, and metering equipment, conduit, insulated wire and cable, lights, indicating lights and floor covering but does not include pump motors.	D-21 Machinery & Pumps - CSLB	238990 - All Other Specialty Trade Contractors
C7415	ENGINE GENERATOR SET	Provided as a source of emergency electric power when there is a loss of station service power.	D-21 Machinery & Pumps - CSLB	238990 - All Other Specialty Trade Contractors
C7500	MISC IRON & STEEL FRAME, COVER & GRATE	Expansion joint armor in steel structures, bearing assemblies, equalizing bolts and expansion joint armor in concrete structures	C-51 Structural Steel Contractor <b>OR</b> A- General Engineer - CSLB	238120 - Structural Steel and Precast Concrete Contractors
C7505	MISC BRIDGE METAL PUMPING PLANT METAL	Consisting of fabricated and cast metal parts involved in the construction of pumping plants, including metal parts in the pump house, outside stairway, storage box and discharge box and the roadway type inlet frames and grates at the pumping plant site.	C-51 Structural Steel Contractor <b>OR</b> A- General Engineer - CSLB	238120 - Structural Steel and Precast Concrete Contractors
C7600	DEVELOP, TEST, DRILL, MAINTAIN WELLS	Installs & repairs water wells and pumps by boring, drilling, excavating, casing & cementing to provide supply of uncontaminated water.	C-57 Well Drilling Contractor <b>OR</b> A- General Engineer CSLB	213111 - Drilling Oil and Gas Wells
C7601	Directional Boring/Drilling	Business establishments primarily engaged Directional boring install infrastructure such as telecommunications and power cable conduits, water lines, sewer lines, gas lines, oil lines, product pipelines, and environmental remediation casings. It is used for <del>excavating, water, sewer, roadway, chase, trenches, connected</del>	C-57 Well Drilling Contractor <b>OR</b> A- General Engineer CSLB	237990 Other Heavy and Civil Engineering Construction
C8000	FENCING	Constructs, erects, alters or repairs all types of fences, corrals, runs, cribs, guard rails & barriers; excludes masonry walls.	B-General Building Contractor <b>OR</b> C-13 Fencing Contractor - CSLB	238990 - All Other Specialty Trade Contractors
C8001	TEMPORARY FENCING	Construction Environmentally Sensitive Area (ESA) fencing, Silt fencing, Temp cyclone fencing	B-General Building Contractor <b>OR</b> C-13 Fencing Contractor - CSLB	238990 - All Other Specialty Trade Contractors
C8100	SYNTHETIC PRODUCT INSTALLATION	A synthetic products contractor installs: synthetic counter tops and wall covering; fiberglass, plastic, vinyl and epoxy products; plastic tile board and decorative art work; and synthetic turf; Bathtub and enamel refinishing, resin and epoxy application, and synthetic caulking and sealants, reservoir liners, vinyl swimming pool relining; pier piling wrap and rodent guards; PVC piping systems for irrigation and drainage; subsurface irrigation drip	D12-Synthetic Products - CSLB	238990 - All Other Specialty Trade Contractors
C8101	SURVEY OR HISTORICAL MONUMENT	Constructing cast-in-place portland cement concrete survey monuments at the locations shown on the plans or directed by the Engineer.	C-8 Concrete Contractor <b>OR</b> B- General Building- CSLB	238990 - All Other Specialty Trade Contractors
C8201	OBJECT MARKER	Furnishing and installing markers and delineators.	C-32 Parking & Highway Improvement Contractor - CSLB	238990 - All Other Specialty Trade Contractors

Work Code	Category	Description	License Requirement	NAICS Code(s)
C8320	METAL BEAM GUARD RAILING	Railing at the side of a road as a safety barrier, consisting of a horizontal bar and supports.	B-General Building Contractor <b>OR</b> C-13 Fencing <b>OR</b> C-32 Parking & Highway Improvement Contractor - CSLB	238990 - All Other Specialty Trade Contractors
C8330	METAL RAILING	A fence or barrier that consists of rails supported by posts.	B-General Building Contractor C-13 Fencing <b>OR</b> C-32 Parking & Highway Improvement Contractor - CSLB	238990 - All Other Specialty Trade Contractors
C8331	CONCRETE BARRIER (PERMANENT)	Divides multiple lanes on the highway also known as K-rail.	C-8 Concrete Contractor - CSLB	238110 - Poured Concrete Foundation and Structure Contractors 238120 - Structural Steel and Precast Concrete Contractors
C8391	METAL BEAM BARRIER	Generally used for freeway or highway median applications and can be installed with either wood or steel posts.	C-13 Fencing <b>OR</b> C-32 Parking & Highway Improvement Contractor - CSLB	238990 - All Other Specialty Trade Contractors
C8405	THERMOPLASTIC TRAFFIC STRIPING & MARKING	Furnishing and applying thermoplastic traffic stripes and pavement markings, including glass beads.	C-32 Parking & Highway Improvement Contractor - CSLB	237310 - Highway, Street and Bridge Construction
C8406	PAINTED TRAFFIC STRIPING & MARKING	Applying traffic stripes and pavement markings; recommended for temporary striping or for restriping (maintaining existing stripes).	C-32 Parking & Highway Improvement Contractor - CSLB	237310 - Highway, Street and Bridge Construction
C8501	PAVEMENT MARKING	Furnishing and placing pavement markers and constructing pavement recesses.	C-32 Parking & Highway Improvement Contractor - CSLB	237310 - Highway, Street, and Bridge Construction 238990 - All Other Specialty Trade Contractors
C8602	SIGNAL & LIGHTING	Furnishing and installing, modifying or removing one or more traffic signals, traffic signal master controller assemblies and interconnection facilities, ramp metering systems, flashing beacon systems, lighting systems, sign illumination systems, traffic monitoring stations.	C-10 Electrical Contractor - CSLB	238210 - Electrical Contractors
C8603	SIGNAL	Installation of signals.	C-10 Electrical Contractor - CSLB	238210 - Electrical Contractors
C8604	LIGHTING	Installation of street lights.	C-10 Electrical Contractor - CSLB	238210 - Electrical Contractors
C8605	MESSAGE SIGNS, LIGHTING & SIGN ILLUMINATION	This industry comprises establishments primarily engaged in installing and servicing electrical wiring and equipment. Electrical contractors included in this industry may include both the parts and labor when performing work. Electrical contractors may	C-10 Electrical Contractor - CSLB	238210 - Electrical Contractors
C8608	DETECTOR	Strategically placed along major roadways used to capture data for use in traffic studies.	NO LICENSE REQUIRED	561990 - All Other Support Services
C8609	TRAFFIC COUNT STATION	Count of traffic along a particular road, either done electronically or by people counting by the side of the road	NO LICENSE REQUIRED	561990 - All Other Support Services

Work Code	Category	Description	License Requirement	NAICS Code(s)
C8610	SPEED MONITORING STATION	A trailer mounted message sign or radar gun and computer that is powered by a generator or solar power, which determines, displays, and informs motorists of their vehicle speed in real-time.	NO LICENSE REQUIRED	561990 - All Other Support Services
C8611	RAMP METERING SYSTEM	Installed to restrict the total flow entering the freeway.	C-10 Electrical Contractor - CSLB	238210 - Electrical Contractors
C9801	BUILDING CONSTRUCTION	Assembling of infrastructure. The process of adding structure to real property.	B-General Building Contractor - CSLB	236115 - New Single-Family Housing Construction (except Operative Builders)
C9810	SMALL STRUCTURES	This U.S. industry comprises establishments primarily responsible for the remodeling construction (including additions, alterations, reconstruction, maintenance and repair work) of houses and other residential buildings, single-family and multifamily. Included	B-General Building Contractor - CSLB	236115 - New Single-Family Housing Construction (except Operative Builders)
C9822	CARPENTRY	Performs any form work, framing or rough carpentry necessary to construct framed structures; installs or repairs individual components of framing systems and performs any rough carpentry or associated work, including but not limited to the	C-5 Framing & Rough Carpentry - CSLB	238350 - Finish Carpentry Contractors 238130 - Framing Carpentry Contractors
C9826	LAND SURVEYING	Measures land & buildings for mapping.	Professional Surveyor (P.S.)-BPELS	541370 - Surveying and Mapping Services
C9827	DRYWALL CONSTRUCTION	Lays out and installs gypsum wall board and gypsum wall board assemblies including nonstructural metal framing members, and performs the taping and texturing operations including the	C-9 Drywall - CSLB	238310 - Drywall and Insulation Contractors
C9828	CRANE WORK	Use of a machine to lift and move loads.	Must be licensed in California through National Commission for the Certification of Crane Operators (NCCCO)	238990 - All Other Specialty Trade Contractors
C9829	RETAINER WALLS	Walls built to keep a bank of earth from sliding or water from flooding.	C-12 Earthwork & Paving Contractor - CSLB	238110 - Poured Concrete Foundation and Structure Contractors
C9830	WALL COVERING	Applies all types and varieties of decorative wall coverings, except painting or paneling, including paper and vinyl goods.	D-29 Paperhanging Contractor - CSLB	238320 - Painting and Wall Covering Contractors
C9834	CABINetry	Makes cabinets, cases, sashes, doors, trims, nonbearing partitions and other items of "finish carpentry" by cutting, surfacing, joining, gluing and fabricating wood or other products to provide a functional surface.	C-6 Cabinet, Millwork & Finish Carpentry - CSLB	238350 - Finish Carpentry Contractors
C9835	LATHING	Used as a foundation for plastering, slating and tiling.	C-35 Lathing & Plastering - CSLB	238310 - Drywall and Insulation Contractors
C9836	PLASTERING	Coats surfaces with a mixture of sand, gypsum plaster, quick-lime or hydrated lime and water, or sand and cement and water. These coatings are applied with a plasterer's trowel or sprayed over any surface.	C-35 Lathing & Plastering - CSLB	238310 - Drywall and Insulation Contractors
C9837	ROOFING	Replace or installs roofing material.	C-39 Roofing Contractor - CSLB	238160 - Roofing Contractors

Work Code	Category	Description	License Requirement	NAICS Code(s)
C9838	CERAMIC TILE	Prepares surfaces and installs tile.	C-54 Ceramic & Mosaic Tile - CSLB	238340 - Tile and Terrazzo Contractors
C9839	CARPET & DRAPES	Window coverings contractor installs or applies decorative, architectural/ functional window/glass treatment or covering products, plastic film window treatment and/or any other window treatment applied for temperature control or as a screening device.	C-15 Flooring & Floor Covering Contractor <b>OR</b> D-52 Window Covering Contractor - CSLB	238390 - Other Building Finishing Contractors
C9840	FLOOR COVERING	Prepares any surface of installation of flooring. Installs carpet, sheet goods, wood and any other materials except ceramic tile.	C-15 Flooring & Floor Covering - CSLB	238330 - Flooring Contractors
C9842	MASONRY	Construction composed of shaped or molded units, usually small enough to be handled by one man and composed of stone, ceramic brick or tile, concrete, glass or adobe.	C-29 Masonry - CSLB	238140 - Masonry Contractors
C9846	ADDITIONS, ALTERATIONS OR REPAIRS	Any work performed on an existing building.	B-General Building Contractor - CSLB	236118 - Residential Remodelers
C9850	PLUMBING	Provides a means for a supply of safe water, ample in volume and of suitable temperature for the purpose intended and the proper disposal of fluid waste from the premises in all structures and fixed works.	C-36 Plumbing - CSLB	238220 - Plumbing, Heating and Air Conditioning Contractors
C9851	FIRE PROTECTION CONTRACTOR	A Fire protection contractor lays out, fabricates and installs all types of fire protection systems; including all the equipment associated with these systems, excluding electrical alarm systems.	C-16 -Fire Protection Contractor - CSLB	238220 - Plumbing, Heating and Air Conditioning Contractors 238990 - All Other Specialty Trade Contractors
C9852	EXTERMINATORS	3 License Types: Applicator, Field Representative & Operator	License from the CA Department of Pesticide Regulation (DPR)	561710 - Exterminating and Pest Control Services
C9854	PAINTING STRUCTURES	Prepares surface by scraping, sandblasting or other means and applies paint and other material.	C-33 Painting & Decorating Contractor - CSLB	238320 - Painting and Wall Covering Contractors
C9858	RESIDENTIAL ELECTRICAL	Places, installs, erects or connects any electrical wires, fixtures, appliances, apparatus, raceways, conduits, solar photovoltaic cells or any part thereof, which generate, transmit, transform or utilize electrical energy in any form or for any purpose.	C-10 Electrical Contractor - CSLB	238210 - Electrical Contractors



Work Code	Category	Description	License Requirement	NAICS Code(s)
C9859	COMMERICAL ELECTRICAL	Places, installs, erects or connects any electrical wires, fixtures, appliances, apparatus, raceways, conduits, solar photovoltaic cells or any part thereof, which generate, transmit, transform or utilize electrical energy in any form or for any purpose for commercial operations.	C-10 Electrical Contractor - CSLB	238210 - Electrical Contractors
C9857	LOW VOLTAGE SYSTEMS	Installs, services and maintains all types of communication and low voltage systems which are energy limited and do not exceed 91 volts. These systems include, telephone systems, sound systems, cable television systems, closed-circuit video systems, satellite dish antennas, instrumentation and temperature controls, and low voltage landscape lighting.	C-7 Low Voltage Systems Contractor - CSLB	238210 - Electrical Contractors
C9860	WATER METER & TEMP FACILITIES	Water and gas piping from the property owner's side of the utility meter to the structure or fixed works; Installation of any type of equipment to heat water, or fluids, to a temperature suitable for the purposes listed in this section. Includes the installation of	C-36 Plumbing Contractor - CSLB	238220 - Plumbing, Heating and Air Conditioning Contractors
C9862	RESIDENTIAL AIR CONDITIONING & SHEET METAL	Thin metal usually galvanized iron, used in manufacturing of pipe, ductwork & fittings.	C-20 Warm-Air Heating, Ventilating & Air-Conditioning Contractor (HVAC) and C-43 Sheet Metal Contractor - CSLB	238220 - Plumbing, Heating and Air Conditioning Contractors
C9864	SHOWER DOORS & MIRROR INSTALLATION	Selects, cuts, assembles and/or installs all makes and kinds of glass, glass work, and mirrored glass for glazing; executes the fabrication and glazing of frames, panels, sashes and doors; and/or installs these items in any structure.	C-17 Glazing Contractor - CSLB	238150 - Glass and Glazing Contractors
C9866	HEATING & AIR CONDITIONING	Fabricates, installs, maintains, services and repairs warm-air heating systems and water heating heat pumps, complete with warm-air appliances; ventilating systems complete with blowers and plenum chambers; air-conditioning systems complete with air-	C-20 Warm Air Heating, Ventilating and Air-Conditioning Contractor (HVAC) - CSLB	238220 - Plumbing, Heating and Air Conditioning Contractors
C9867	LANDSCAPING CONTRACTOR	Constructs, maintains, repairs, installs, or subcontracts the development of landscape systems and facilities for public and private gardens and other areas which are designed to aesthetically or functionally improve the grounds.	C-27 Landscaping Contractor - CSLB	561730 - Landscaping Services
C9868	INSULATION	Installs any insulating media for the purpose of temperature and/or sound control.	C-2 Insulation & Acoustical Contractor- CSLB	238310 - Drywall and Insulation Contractors
C9869	ASBESTOS REMOVAL/ABATEMENT	A licensed contractor or an employee takes an asbestos exam. If they pass, they become a "qualifier" for the license. The CSLB will place an asbestos certification (ASB) on the contractor's license. The ASB is useless without Cal/OSHA registration. Public and private employers performing work on their own property do not	ASB- Asbestos Abatement Certification- CSLB Registered with Department of Industrial Relations Cal/OSHA and Department of Labor	562910 - Remediation Services
C9872	SEWER CONNECTION	Fabricates and installs cesspools, septic tanks, storm drains, and other sewage disposal and drain structures. This classification includes the laying of cast-iron, steel, concrete, vitreous and any other hardware associated with these systems.	C-42 Sanitation System Contractor - CSLB	237110 - Water and Sewer Line and Related Structures Construction

Work Code	Category	Description	License Requirement	NAICS Code(s)
C9874	HARDWARE (ROUGH)	Concealed fasteners in a building such as nails, bolts & hangers.	C-5 Framing & Rough Carpentry - CSLB	238350 - Finish Carpentry Contractors 236210 - Industrial Building Construction 238390 - Other Building Finishing Contractors
C9876	HARDWARE (FINISH)	Hardware that is seen and is therefore given a special finish.	C-6 Cabinet, Millwork & Finish Carpentry - CSLB	238350 - Finish Carpentry Contractors
C9878	SIDING, STUCCO, VENEER	Applies or installs all types of exterior siding; including vinyl, aluminum and metal to new or existing buildings.	D-41 Siding & Decking <b>OR</b> C-29 Masonry - CSLB	238140 - Masonry Contractors 238170-Siding Contractors
C9880	SWIMMING POOL CONTRACTOR	A swimming pool contractor constructs swimming pools, spas or hot tubs, including installation of solar heating equipment using those trades or skills necessary for such construction.	C-53 Swimming Pool Contractor - CSLB	238990 - All Other Specialty Trade Contractors
C9902	FUEL SYSTEMS	This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding gasoline motor vehicle engines and gasoline motor vehicle engine parts, excluding carburetors,	Board of Equalization (BOE)- International Fuel Tax Agreement (IFTA) license	336312 - Gasoline Engine and Engine Parts Manufacturing 334519 - Other Measuring and Controlling Device
C9903	CONSTRUCTION CLEAN UP	Cleans up and/or removes from building grounds or structures any debris resultant from any construction project including but not limited to: concrete, dirt, scrap lumber, plaster, drywall, any paint or adhesive products from windows, floors, ceramic tile and bathroom fixtures.	D-63 Construction Cleanup - CSLB	238990 - All Other Specialty Trade Contractors
C9904	CORING	Obtaining cores from concrete structures or rock foundations.	D-6 Concrete Related Services - CSLB	238910 - Site Preparation Contractors
C9905	CUTTING	Excavating or lowering a grade.	C-12 Earthwork & Paving Contractor - CSLB	238910 - Site Preparation Contractors
C9906	SANDBLASTING	System of cutting or abrading a surface such as concrete by a stream of sand ejected from a nozzle at high speed by compressed air.	D-38 Sand and Water Blasting - CSLB	238990 - All Other Specialty Trade Contractors
C9907	CONSTRUCTION EQUIPMENT RENTAL	Facility that rents and/or leases equipment to the public.	NO LICENSE REQUIRED	532411- Construction, Transportation, Mining and Forestry Machinery and Equipment Rental
C9908	HEAVY EQUIPMENT RENTAL	Facility that rents and/or leases equipment which includes most wheeled or tracked equipment such as backhoes, wheel loaders, scrapers, bulldozers and excavators.	NO LICENSE REQUIRED	532411 - Construction, Transportation, Mining and Forestry Machinery and Equipment Rental
C9947	ELEVATOR	Fabricates, erects, installs & repairs elevators.	C-11 Elevator Contractor - CSLB	238290 - Other Building Equipment Contractors
C9980	DEMOLITION	Raises, lowers, cribs, underpins, demolishes & moves structures; including their foundations.	C-21 Building Moving/Demolition Contractor - CSLB	238910 - Site Preparation Contractors
C9981	BUILDING MOVER	Raises, lowers, cribs, underpins, & moves structures; including their foundations.	C-21 Building Moving/Demolition Contractor - CSLB	238990 - All Other Specialty Trade Contractors
C9988	MOVING & STORAGE	This industry comprises establishments primarily engaged in operating merchandise warehousing and storage facilities. These establishments generally handle goods in containers, such as boxes, barrels, and/or drums, using equipment, such as forklifts, pallets, and racks. They are not specialized in handling bulk products of any particular type, size, or quantity of goods or products.	NO LICENSE REQUIRED	493110 - General Warehousing and Storage

"Truckers Transportation"

05-448204

Work Code	Category	Description	License Requirement	NAICS Code(s)
C8900	RAIL CAR SERVICES	This industry comprises establishments primarily engaged in providing specialized services for railroad transportation including servicing, routine repairing (except factory conversion, overhaul or rebuilding of rolling stock), and maintaining rail cars; loading and unloading rail cars; and operating independent terminals.	NO LICENSE REQUIRED	488210 - Support Activities for Rail Transportation
C8901	AIR CONDITIONING/SHEET METAL SERVICES FOR RAIL CARS	This industry comprises establishments primarily engaged in providing specialized services for railroad transportation including servicing, routine repairing (except factory conversion, overhaul or rebuilding of rolling stock), and maintaining rail cars; loading and unloading rail cars; and operating independent terminals.	NO LICENSE REQUIRED	488210 - Support Activities for Rail Transportation
C8902	HEATING SERVICES FOR RAIL CARS	This industry comprises establishments primarily engaged in providing specialized services for railroad transportation including servicing, routine repairing (except factory conversion, overhaul or rebuilding of rolling stock), and maintaining rail cars; loading and unloading rail cars; and operating independent terminals.	NO LICENSE REQUIRED	488210 - Support Activities for Rail Transportation
C8903	ELECTRICAL SERVICES FOR RAIL CARS	This industry comprises establishments primarily engaged in providing specialized services for railroad transportation including servicing, routine repairing (except factory conversion, overhaul or rebuilding of rolling stock), and maintaining rail cars; loading and unloading rail cars; and operating independent terminals.	NO LICENSE REQUIRED	488210 - Support Activities for Rail Transportation
C8904	GLASS INSTALLATION FOR RAIL CARS	This industry comprises establishments primarily engaged in providing specialized services for railroad transportation including servicing, routine repairing (except factory conversion, overhaul or rebuilding of rolling stock), and maintaining rail cars; loading and unloading rail cars; and operating independent terminals.	NO LICENSE REQUIRED	488210 - Support Activities for Rail Transportation
C8906	AUTO SERVICE	This industry comprises establishments primarily engaged in providing specialized services for railroad transportation including servicing, routine repairing (except factory conversion, overhaul or rebuilding of rolling stock), and maintaining rail cars; loading and unloading rail cars; and operating independent terminals.	NO LICENSE REQUIRED	488210 - Support Activities for Rail Transportation
C8907	MACHINING SERVICES FOR RAIL CARS	This industry comprises establishments primarily engaged in providing specialized services for railroad transportation including servicing, routine repairing (except factory conversion, overhaul or rebuilding of rolling stock), and maintaining rail cars; loading and unloading rail cars; and operating independent terminals.	NO LICENSE REQUIRED	488210 - Support Activities for Rail Transportation
C8908	PERSONNEL TRANSPORTATION	This U.S. industry comprises establishments primarily engaged in operating local and suburban commuter rail systems over regular routes and on a regular schedule within a metropolitan area and its adjacent nonurban areas. Commuter rail is usually characterized by reduced fares, multiple ride, and commutation tickets and mostly used by passengers during the morning and evening peak periods.	NO LICENSE REQUIRED	485112 - Commuter Rail Systems
TRUCKING C9602	BOTTOM DUMP TRUCK	A trucking business primarily involved in unloading their payload by opening gates on the bottom of the bed. Internal bed walls are sloped to direct the entire payload out through the opened gates.	NO LICENSE REQUIRED	484220 - Specialized Freight Trucking, Local 484230 - Specialized Freight Trucking, Long Distance

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Work Code	Category	Description	License Requirement	NAICS Code(s)
C9603	TRANSFER DUMP TRUCK	A trucking business that owns a 10 wheel end dump truck and transfer trailer	NO LICENSE REQUIRED	484220 - Specialized Freight Trucking, Local 484230 - Specialized Freight Trucking, Long Distance
C9604	SUPER 10 DUMP TRUCK	A trucking business that owns one Super 10 wheel (4 axle) end dump truck	NO LICENSE REQUIRED	484220 - Specialized Freight Trucking, Local 484230 - Specialized Freight Trucking, Long Distance
C9605	FLAT BED TRUCKING	A trucking business that uses a truck or trucks that has an entirely flat, level 'bed' body with no sides or roof. This allows for quick and easy loading of goods, and consequently they are used to transport heavy loads that are not delicate or vulnerable to precipitation, such as construction equipment, and also for abnormal loads that require more space than is available on a closed body.	NO LICENSE REQUIRED	484220 - Specialized Freight Trucking, Local 484230 - Specialized Freight Trucking, Long Distance
C9606	WATER TRUCK	A trucking business specializing in operating a water truck at a construction site on dirt, providing assistance during fires and replenishing fountains or ponds	NO LICENSE REQUIRED	484220 - Specialized Freight Trucking, Local 484230 - Specialized Freight Trucking, Long Distance
C9607	END DUMP TRUCK	A trucking business that specializes in hauling and dumping their payload by raising the front end and letting the payload slide down the bottom of the bed and out the back through the tailgate	NO LICENSE REQUIRED	484220 - Specialized Freight Trucking, Local 484230 - Specialized Freight Trucking, Long Distance
C9608	ASPHALT OIL TANKERS	A trucking business that specializes in bulk hauling of hot asphalt oil.	NO LICENSE REQUIRED	484220 - Specialized Freight Trucking, Local 484230 - Specialized Freight Trucking, Long Distance
C9609	STREET SWEEPING TRUCK	A trucking business that owns a truck with a water tank, sprayer and broom that specializes in removing and loosening debris from roadways.	NO LICENSE REQUIRED	488490 - Other Support Activities for Road Transportation
C9632	HAZARDOUS SUBSTANCE REMOVAL	This U.S. industry comprises establishments primarily engaged in collecting and/or hauling hazardous waste within a local area and/or operating hazardous waste transfer stations. Hazardous waste collection establishments may be responsible for the identification, treatment, packaging, and labeling of waste for the purposes of transport	Hazardous Substance Removal Certification (HAZ) - CSLB	562112 - Hazardous Waste Collection
C9633	HAZARDOUS WASTE TRUCKING	This industry comprises establishments primarily engaged in providing long-distance specialized trucking. These establishments provide trucking between metropolitan areas that may cross North American country borders.	Hazardous Substance Removal Certification (HAZ) - CSLB	484230 - Specialized Freight (except Used Goods) Trucking, Long-Distance 562112 - Hazardous Waste Collection
C9670	TRUCK RENTAL	This industry comprises establishments primarily engaged in renting or leasing, without drivers, one or more of the following: trucks, truck tractors or buses: semitrailers, utility trailers, or RVs (recreational vehicles).	NO LICENSE REQUIRED	532120 - Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing
C9771	TRUCKER BROKER	This industry comprises establishments primarily engaged in arranging transportation of freight between shippers and carriers	NO LICENSE REQUIRED	488510 - Freight Transportation Arrangement
C9774	TRUCKER	The firm must own one truck. These long-distance general freight truckload carrier establishments provide full truck movement of freight from origin to destination	NO LICENSE REQUIRED	484110 - General Freight Trucking, Local 484121 - General Freight Trucking, Long-Distance



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Work Code	Category	Description	License Requirement	NAICS Code(s)
C8700	CONSULTANT, NON-ENGINEERING	Individual who renders professional consulting or project management services complementing the architect or engineer's services.	NO LICENSE REQUIRED	541611 - Administrative Management and General Management Consulting Services
C8701	BUSINESS ADMINISTRATION	Process of organizing people and resources efficiently so as to direct activities toward common goals and objectives.	NO LICENSE REQUIRED	561110 - Office Administrative Services
C8702	MANAGEMENT INFORMATION SYSTEMS	Provides information needed to manage organizations effectively. Involves three primary resources: technology, information, and people.	NO LICENSE REQUIRED	541511 - Custom Computer Programming Services 541512 - Computer Systems Design Services
C8703	TRAFFIC ENGINEER	Branch of civil engineering that uses engineering techniques to achieve the safe and efficient movement of people and goods.	Professional Engineer - California Board for Professional Engineers, Land Surveyors, & Geologist	541330 - Engineering Services
C8704	ARCHITECT	Plan, design and observe the construction of projects.	Architect License - California Architects Board	541310 - Architectural Services
C8705	DESIGN	Plans, elevations, sections & other drawings necessary for a building, highway, street or other structure <del>(EXCEPT BRIDGES)</del>	Professional Engineer or Architect - California Board for Professional Engineers, Land Surveyors, & Geologist	541310 - Architectural Services 541330 - Engineering Services
C8706	DESIGN BRIDGES	Applies the physical laws and principles of engineering in the designing of bridges.	Professional Engineer - California Board for Professional Engineers, Land Surveyors, & Geologists	541330 - Engineering Services
C8707	FEASIBILITY STUDIES	Detailed investigation & analysis conducted to determine the financial, economic or technical advisability of a proposed project.	NO LICENSE REQUIRED	541611 - Administrative Management and General Management Consulting Services
C8708	Mass Transit /Transportation Consultant	Provides advice and assistance to businesses and other organizations on transit and transportation issues.	No License Required	541614 Process, Physical Distribution, and Logistics Consulting Services 541611 - Administrative Management and General Management Consulting Services
C8710	ENGINEERING	Discipline, art, skill and profession of acquiring and applying scientific, mathematical, economic, social, and practical knowledge, in order to design and build structures, machines, devices, systems and materials.	Professional Engineer - California Board for Professional Engineers, Land Surveyors, & Geologist	541330 - Engineering Services
C8711	COMPUTER	Firms engaged in writing, modifying, testing, installing and maintaining software and hardware to meet the needs of a particular customer.	NO LICENSE REQUIRED	541511 - Custom Computer Programming Services 541513 - Computer Facilities Management Services 541512 - Computer Systems Design Services
C8712	PUBLIC RELATIONS	Enhancing and maintaining the image for businesses, non-profit organizations, events or high-profile people.	NO LICENSE REQUIRED	541820 - Public Relations Agencies

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Work Code	Category	Description	License Requirement	NAICS Code(s)
C8713	CONSULTANT, ENVIRONMENTAL	Provides advice and assistance to businesses and other organizations on environmental issues, such as the control of environmental contamination from pollutants, toxic substances, and hazardous materials.	NO LICENSE REQUIRED	541620 - Environmental Consulting Services
C8714	CONSULTANT, BUSINESS/MANAGEMENT	Provides operating advice and assistance to businesses and other organizations on administrative management issues.	NO LICENSE REQUIRED	541611 - Administrative Management and General Management Consulting Services
C8715	CONSULTANT, ENGINEERING	This industry comprises establishments primarily engaged in applying physical laws and principles of engineering in the design, development, and utilization of machines, materials, instruments.	Professional Engineer - CA Board for Professional Engineers, Land Surveyors, & Geologists	541330 - Engineering Services
C8716	ARCHITECTURAL ENGINEER	Design of building systems including Heating, ventilation and air conditioning (HVAC), plumbing, fire protection, electrical, lighting, transportation, and structural	Professional Engineer - CA Board for Professional Engineers, Land Surveyors, & Geologists	541330 - Engineering Services
C8720	CIVIL ENGINEERING <i>sewers</i>	Design, <del>construction</del> , and maintenance of the physical and naturally built environment, including works such as bridges, <del>roads</del> , canals, dams and buildings.	Professional Engineer - CA Board for Professional Engineers, Land Surveyors, & Geologists	541330 - Engineering Services
C8721	RIGHT OF WAY ENGINEER	Researching public records, conducting land surveys, and preparing the necessary legal descriptions for the conveyance of land title rights, such as easements, fee title grant deeds, and temporary construction easements between parties in both the private and public sector.	Professional Engineer <b>OR</b> Land Surveyor - CA Board for Professional Engineers, Land Surveyors, & Geologists	541330 - Engineering Services
C8722	ENVIRONMENTAL ENGINEER	Water and air pollution control, recycling, waste disposal, and public health issues as well as a knowledge of environmental engineering law. Design includes studies on the environmental impact of proposed construction projects.	Professional Engineer - CA Board for Professional Engineers, Land Surveyors, & Geologists	541330 - Engineering Services <b>OR</b> 541370 Surveying and Mapping Services
C8723	MATERIAL TESTING SERVICES	This industry comprises establishments primarily engaged in performing physical, chemical, and <del>other analytical testing services such</del>	California Test Methods Certification - Caltrans	541380 - Testing Laboratories
C8730	SAFETY STUDIES	Provides advice and assistance to businesses and other organizations on <del>safety plans</del>	NO LICENSE REQUIRED	541690 - Other Scientific and Technical Consulting Services

Work Code	Category	Description	License Requirement	NAICS Code(s)
C8731	BUILDING INSPECTION SERVICES	This industry comprises establishments primarily engaged in providing building inspection services. These establishments typically evaluate all aspects of the building structure and component systems and prepare a report on the physical condition of the property, generally for buyers or others involved in real estate transactions. Building inspection bureaus and establishments providing home inspection services are included in this industry.	No License Required, however CSLB General "B" contractor's license, or other certifications available in the field may suffice.	541350 - Building Inspection Services
C8733	CONSTRUCTION ENGINEERING & INSPECTION SERVICES	All work involved in construction engineering and inspection of contract items performed by the contractor, including inspection of Change Order	Professional Engineer - California Board for Professional Engineers, Land Surveyors, & Geologists	541330 - Engineering Services
C8740	ELECTRICAL ENGINEERS	Covers a range of subtopics including power, electronics, control systems, signal processing and telecommunications	Professional Engineer - California Board for Professional Engineers, Land Surveyors, & Geologists	541330- Engineering Services
C8742	MECHANICAL ENGINEERS	Involves the production and usage of heat and mechanical power for the design, production, and operation of machines and tools.	Professional Engineer - California Board for Professional Engineers, Land Surveyors, & Geologists	541330 - Engineering Services
C8744	LANDSCAPE ARCHITECTS	The art, planning, design, management, preservation and rehabilitation of the land and the design of large-scale man-made constructs. Scope includes architectural design, site planning, estate development, environmental restoration, town or urban planning	Landscape Architect - California Board of Architects	541320 - Landscape Architectural Services
C8746	STRUCTURAL ENGINEER	Analyze, design, plan & research structural components. Typical structures include buildings, towers, stadia and bridges. Other structures	Professional Engineer - California Board for Professional Engineers, Land Surveyors, & Geologists	541330 - Engineering Services
C8750	REAL ESTATE SALESPERSON	Assist sellers in marketing their property and assist buyers by helping them purchase property.	Real Estate Salesperson - California Department of Real Estate	531210 - Offices of Real Estate Agents and Brokers
C8751	REAL ESTATE BROKER	Brokers and agents do the same type of work, but brokers are licensed to manage their own real estate businesses	Real Estate Broker - California Department of Real Estate	531210 - Offices of Real Estate Agents and Brokers
C8759	SURVEYING - AERIAL GEOPHYSICAL	This industry comprises establishments primarily engaged in gathering, interpreting, and mapping geophysical data. Establishments in this industry often specialize in	Land Surveyor - California Board for Professional Engineers, Land Surveyors, & Geologists	541360 - Aerial Geophysical Surveying Services

Work Code	Category	Description	License Requirement	NAICS Code(s)
C8760	LAND SURVEYOR	One skilled in land measurement. Surveyors who set up boundaries must be licensed by the State in which they work.	Land Surveyor - California Board for Professional Engineers, Land Surveyors, & Geologists	541990 - All Other Professional, Scientific and Technical Services
C8761	GEOPHYSICS	Applied to societal needs, such as mineral resources, mitigation of natural hazards and environmental protection. Geophysical survey data are used to analyze potential petroleum reservoirs and mineral deposits & to locate groundwater.	Professional Geophysicists - California Board for Professional Engineers, Land Surveyors, & Geologists	541360 - Geophysical Surveying and Mapping Services 541330 - Engineering Services
C8762	AERIAL/PHOTOGRAMMETRIC MAPPING SERVICES	Photogrammetric surveys are often the basis for topographic maps, land use planning and environmental studies. Geomatic method of collecting	Land Surveyor - California Board for Professional Engineers, Land Surveyors, & Geologists	541370 - Surveying and Mapping Services
C8765	DRAFTING	Technical drawing, which may involve architecture, engineering, electrical, plumbing, etc.	NO LICENSE REQUIRED	541340 - Drafting Services
C8766	COMPUTER-AIDED DESIGN & DRAFTING (CADD)	The use of computer technology for the process of design and design-documentation.	NO LICENSE REQUIRED	541512 - Computer System Design Services
C8770	CONSTRUCTION MANAGEMENT	Overall (non-engineering related) planning, co-ordination and control of a project from inception to completion aimed at meeting a client's requirements.	NO LICENSE REQUIRED	541618 - Other Management Consulting Services
C8771	CONSTRUCTION MANAGEMENT - COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION	Firm that coordinates, directs, assists, advises, facilitates, estimates, reviews and reports on construction projects, but does not perform the physical building of the work.	Architect - California Architects Board <b>OR</b> Professional Engineer - California Board for Professional Engineers, Land Surveyors, & Geologists <b>OR</b> General A Engineering Contractor - CSLB	541310 - Architectural Services 541330 - Engineering Services 236210 - Industrial Building Construction
C8772	CONSTRUCTION MANAGEMENT - INDUSTRIAL BUILDING CONSTRUCTION	Firm that coordinates, directs, assists, advises, facilitates, estimates, reviews and reports on construction projects, but does not perform the physical building of the work.	Architect - California Architects Board <b>OR</b> Professional Engineer - California Board for Professional Engineers, Land Surveyors, & Geologists <b>OR</b> General A Engineering Contractor - CSLB	541310 - Architectural Services 541330 - Engineering Services 236210 - Industrial Building Construction
C8773	CONSTRUCTION MANAGEMENT - HIGHWAY, STREET, AND BRIDGE CONSTRUCTION	Firm that coordinates, directs, assists, advises, facilitates, estimates, reviews and reports on construction projects, but does not perform the physical building of the work.	Architect - California Architects Board <b>OR</b> Professional Engineer - California Board for Professional Engineers, Land Surveyors, & Geologists <b>OR</b> General A Engineering Contractor - CSLB	541310 - Architectural Services 541330 - Engineering Services 237310 - Highway, Street and Bridge Construction
C8774	CONSTRUCTION MANAGEMENT - LAND SUBDIVISION	Firm that coordinates, directs, assists, advises, facilitates, estimates, reviews and reports on construction projects, but does not perform the physical building of the work.	Architect - California Architects Board <b>OR</b> Professional Engineer - California Board for Professional Engineers, Land Surveyors, & Geologists <b>OR</b> General A Engineering Contractor - CSLB	541310- Architectural Services 541330 - Engineering Services 237210 - Land Subdivision



Work Code	Category	Description	License Requirement	NAICS Code(s)
C8775	CONSTRUCTION MANAGEMENT - OIL AND GAS PIPELINE AND RELATED STRUCTURES CONSTRUCTION	Firm that coordinates, directs, assists, advises, facilitates, estimates, reviews and reports on construction projects, but does not perform the physical building of the work.	Architect - California Architects Board <b>OR</b> Professional Engineer - California Board for Professional Engineers, Land Surveyors, & Geologists <b>OR</b> General A Engineering Contractor - CSLB	541310 - Architectural Services 541330 - Engineering Services 237110 - Water and Sewer Line and Related Structures Construction
C8776	CONSTRUCTION MANAGEMENT - OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION	Firm that coordinates, directs, assists, advises, facilitates, estimates, reviews and reports on construction projects, but does not perform the physical building of the work.	Architect - California Architects Board <b>OR</b> Professional Engineer - California Board for Professional Engineers, Land Surveyors, & Geologists <b>OR</b> General A Engineering Contractor - CSLB	541310 - Architectural Services 541330 - Engineering Services 237990 - Other Heavy and Civil Engineering Construction
C8777	CONSTRUCTION MANAGEMENT - POWER AND COMMUNICATION LINE AND RELATED STRUCTURES CONSTRUCTION	Firm that coordinates, directs, assists, advises, facilitates, estimates, reviews and reports on construction projects, but does not perform the physical building of the work.	Architect - California Architects Board <b>OR</b> Professional Engineer - California Board for Professional Engineers, Land Surveyors, & Geologists <b>OR</b> General A Engineering Contractor - CSLB	541310 - Architectural Services 541330 - Engineering Services 237110 - Water and Sewer Line and Related Structures Construction
C8778	CONSTRUCTION MANAGEMENT - WATER AND SEWER LINE AND RELATED STRUCTURE CONSTRUCTION	Firm that coordinates, directs, assists, advises, facilitates, estimates, reviews and reports on construction projects, but does not perform the physical building of the work.	Architect - California Architects Board <b>OR</b> Professional Engineer - California Board for Professional Engineers, Land Surveyors, & Geologists <b>OR</b> General A Engineering Contractor - CSLB	541310 - Architectural Services 541330 - Engineering Services 237110 - Water and Sewer Line and Related Structures Construction
C8780	ENGINEERING- GEOTECHNICAL	Branch of civil engineering that deals with earth materials, including: soil, rock and groundwater.	Professional Engineer - CA Board for Professional Engineers, Land Surveyors, & Geologists	541330 - Engineering Services
C8781	ENGINEERING- HYDROLOGY	Scientific study of water's properties, distribution, and effects on the earth's surface	Professional Engineer - CA Board for Professional Engineers, Land Surveyors, & Geologists	541330 - Engineering Services
C8782	ENGINEERING - SEISMIC	Branch of engineering that searches for ways to make structures, such as buildings and bridges, resistant to earthquake damage	Professional Engineer - CA Board for Professional Engineers, Land Surveyors, & Geologists	541330 - Engineering Services
C8783	ENGINEERING- STRUCTURAL	Dealing with the analysis and design of structures that support or resist loads. Usually considered a specialty within civil engineering.	Professional Engineer - CA Board for Professional Engineers, Land Surveyors, & Geologists	541330 - Engineering Services
C8784	ENGINEERING - VALUE	Systematic method to improve the "value" of goods or products and services by using an examination of function; identifies and removes unnecessary expenditures.	Professional Engineer - CA Board for Professional Engineers, Land Surveyors, & Geologists	541330 - Engineering Services
C8790	ENVIRONMENTAL - ACOUSTIC/NOISE STUDIES	The source of most outdoor noise is construction and transportation systems, including motor vehicle, aircraft and rail noise. Revolves around the generation, propagation and reception of mechanical waves and vibrations.	NO LICENSE REQUIRED	541620 - Environmental Consulting Services
C8791	ENVIRONMENTAL - AIR QUALITY	Involves; ambient air monitoring, emission inventories, air quality and emission modeling and impact analysis.	California Environmental Protection Agency-Air Resources Board	541620 - Environmental Consulting Services

Work Code	Category	Description	License Requirement	NAICS Code(s)
C8792	ENVIRONMENTAL – BIOLOGICAL STUDIES	This industry comprises establishments primarily engaged in providing advice and assistance to businesses and other organizations on environmental issues, such as the control of environmental contamination from pollutants, toxic substances, and hazardous materials. These establishments identify problems (e.g., inspect buildings for hazardous materials), measure and evaluate risks, and recommend solutions. They employ a multidiscipline staff of scientists, engineers, and other technicians with expertise in areas, such as air and water quality, asbestos contamination, remediation, and environmental law. Establishments providing sanitation or site remediation consulting services are included in this industry.	NO LICENSE REQUIRED	541620 – Environmental Consulting Services
C8793	ENVIRONMENTAL – ENVIRONMENTAL IMPACT STUDIES	This industry comprises establishments primarily engaged in providing advice and assistance to businesses and other organizations on environmental issues, such as the control of environmental contamination from pollutants, toxic	NO LICENSE REQUIRED	541620 – Environmental Consulting Services
C8794	ENVIRONMENTAL – WATER QUALITY	Relates to water bodies such as lakes, rivers, and oceans. Water quality standards for surface waters vary significantly due to different environmental conditions, ecosystems, and intended human uses.	California Environmental Protection Agency- Water Resources Control Board	541620 – Environmental Consulting Services
C8795	ENVIRONMENTAL – REGULATORY	This industry comprises establishments primarily engaged in providing advice and assistance to businesses and other organizations on	NO LICENSE REQUIRED	541620 – Environmental Consulting Services
C8800	CONSTRUCTION ESTIMATING & COSTING	Everything that needs to be measurable for labor, materials and equipment	NO LICENSE REQUIRED	541611 - Administrative Management and General Management Consulting Services
C8801	CONSTRUCTION PROJECT AND DOCUMENT CONTROL	This industry also includes establishments of general management consultants that provide a full range of administrative; human resource; marketing; process, physical distribution, and logistics; or other management consulting services to clients.	NO LICENSE REQUIRED	541611 - Administrative Management and General Management Consulting Services

Work Code	Category	Description	License Requirement	NAICS Code(s)
C8802	CONSTRUCTION SCHEDULING	The construction scheduling is to assign dates to project activities; intend to match the resources of equipment, materials and labor with project work tasks over time; eliminate problems due to production bottlenecks, facilitate the timely procurement of necessary labor & materials; insure the completion of a project as stipulated per contract requirement.	NO LICENSE REQUIRED	541611 - Administrative Management and General Management Consulting Services
C8820	DEMOGRAPHIC ANALYSIS	Statistical and mathematical study of the size, composition, and spatial distribution of human populations.	NO LICENSE REQUIRED	541720 - Research and Development in the Social Sciences and Humanities
C8821	ECONOMIC ANALYSIS	A systematic approach to selecting the most efficient and cost-effective strategy for satisfying an agency's need	NO LICENSE REQUIRED	541720 - Research and Development in the Social Sciences and Humanities
C8822	COMMUNITY ECONOMIC DEVELOPMENT	Field of study that actively elicits community involvement when working with government, and private sectors. Encourages using local resources in a way that enhances economic opportunities while improving social conditions in a sustainable way.	NO LICENSE REQUIRED	813319 - Other Social Advocacy Organizations
C8830	ENERGY STUDIES	Field of study that researches and examines the use of energy in communities as well as the types of energy that is used (hydro, solar, coal, nuclear, etc.)	NO LICENSE REQUIRED	541690 - Other Scientific and Technical Consulting Services 541712 - Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology)
C8831	HOUSING STUDIES	This industry comprises government establishments primarily engaged in the administration and planning of the development of urban and rural areas. Included in this industry are government zoning boards and commissions.	NO LICENSE REQUIRED	925120 - Administration of Urban Planning and Community and Rural Development
C8832	DIVERSITY ISSUES/ MINORITY IMPACT STUDIES	Field of study that researches and examines diversity in local communities and identifies adverse impacts of proposed construction projects	NO LICENSE REQUIRED	541720 - Research and Development in the Social Sciences and Humanities
C8833	DISABLED ISSUES/ STUDIES	Disability Studies refers generally to the examination of disability as a social, cultural, and political phenomenon. Disability Studies focuses on how disability is defined and represented in society.	NO LICENSE REQUIRED	624120 - Services for the Elderly and Persons with disabilities

Work Code	Category	Description	License Requirement	NAICS Code(s)
C8834	BICYCLE, PEDESTRIAN STUDIES	Planning includes addressing the access and mobility needs of bicyclists and pedestrians to travel to work and non-work destinations - including education centers, commerce, entertainment, and recreation - within and in close proximity to neighborhoods. The study identifies the types and costs of pedestrian facilities that have the greatest impact on improving the pedestrian environment	NO LICENSE REQUIRED	926120 - Regulation and Administration of Transportation Programs
C8835	ARCHEOLOGY	Scientific study of past human culture and behavior; involves surveying, excavation and eventually analysis of data collected.	NO LICENSE REQUIRED	712120 - Historical Sites 541620 - Environmental Consulting Services
C8836	GEOLOGIST	Investigating the subsurface with seismic methods drilling boreholes and logging the rocks they penetrate and assessing mineral deposits.	Professional Geologist - CA Board for Professional Engineers, Land Surveyors, & Geologists	541720 - Research and Development in the Social Sciences and Humanities
C8837	CITIZEN, COMMUNITY INVOLVEMENT	Individuals who are primarily engaged in social advocacy and the advancement of social causes in their respective communities.	NO LICENSE REQUIRED	813319 - Other Social Advocacy Organizations
C8838	MOBILITY STUDIES - DISABLED	Conducted for significant transportation projects, such as major highway or transit improvements.	NO LICENSE REQUIRED	541720 - Research and Development in the Social Sciences and Humanities
C8839	GREEN/RENEWABLE ENERGY SOLUTIONS CONSULTANT	Consulting services for property and building owners for greener and more energy efficient systems.	Leadership in Energy and Environmental Design - LEED Certification	541620 - Environmental Consulting Services
C8840	INTERMODAL PLANNING	Ability to connect various modes of transportation including; aeronautics, pedestrian, rail, freight and public transportation	NO LICENSE REQUIRED	541990 - All Other Professional, Scientific and Technical Consulting Services
C8850	TRAFFIC MANAGEMENT OPERATIONS	The operation of activities for alleviating or minimizing work-related traffic delays by the effective application of traditional traffic, handling practices and an innovative combination of various strategies.	Professional Engineer - CA Board for Professional Engineers, Land Surveyors, & Geologists	541330 - Engineering Services
C8851	LEAD COMPLIANCE	Prepare a work plan to prevent or minimize worker exposure to lead, while handling and managing earth material, plant debris, traffic stripe residue and pavement marking containing lead.	Industrial Hygienist	541620 - Environmental Consulting Services
C8852	SWPPP PLANNING	Develops and implements a storm water pollution prevention plan on construction sites to prevent storm water runoffs from being contaminated	QSP/QSD Certification	541620 - Environmental Consulting Services





## **SECTION 2:**

**Names of certified DBEs and all the  
dates on which they were solicited**

**(solicitations, faxes, e-mails and follow-up telephone log)**